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Metropolitan Housing Characteristics

SIOUX CITY, IOWA-NEBR.

STANDARD METROPOLITAN STATISTICAL AREA

1980

Census of Housing

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VOLUME 2

Metropolitan Housing Characteristics

SIOUX CITY, IOWA-NEBR.

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Issued October 1983



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Under Secretary for
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BUREAU OF THE CENSUS
C.L. Kincannon, Acting Director

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HOUSING DIVISION
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12	Georgia	52	Wyoming	88	Bellingham, Wash.	122	Clarksville-Hopkinsville, Tenn.-Ky.
13	Hawaii	53	Puerto Rico	89	Benton Harbor, Mich.	123	Cleveland, Ohio
14	Idaho	54	Not assigned	90	Billings, Mont.	124	Colorado Springs, Colo.
15	Illinois	55	Not assigned	91	Biloxi-Gulfport, Miss.	125	Columbia, Mo.
16	Indiana	56	Not assigned	92	Binghamton, N.Y.-Pa.	126	Columbia, S.C.
17	Iowa	57	Not assigned	93	Birmingham, Ala.	127	Columbus, Ga.-Ala.
18	Kansas	58	Abilene, Tex.	94	Bismarck, N. Dak.	128	Columbus, Ohio
19	Kentucky	59	Akron, Ohio	95	Bloomington, Ind.	129	Corpus Christi, Tex.
20	Louisiana	60	Albany, Ga.	96	Bloomington-Normal, Ill.	130	Cumberland, Md.-W. Va.
21	Maine	61	Albany-Schenectady-Troy, N.Y.	97	Boise City, Idaho	131	Dallas-Fort Worth, Tex.
22	Maryland	62	Albuquerque, N. Mex.	98	Boston, Mass.	132	Danbury, Conn.
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149	Eugene-Springfield, Oreg.	188	Iowa City, Iowa	228	Lowell, Mass.-N.H.		
150	Evansville, Ind.-Ky.	189	Jackson, Mich.	229	Lubbock, Tex.		
		190	Jackson, Miss.	230	Lynchburg, Va.	266	Northeast Pennsylvania
151	Fall River, Mass.-R.I.					267	Norwalk, Conn.
152	Fargo-Moorhead, N. Dak.-Minn.	191	Jacksonville, Fla.	231	Macon, Ga.	268	Ocala, Fla.
		192	Jacksonville, N.C.	232	Madison, Wis.	269	Odessa, Tex.
153	Fayetteville, N.C.	193	Janesville-Beloit, Wis.	233	Manchester, N.H.	270	Oklahoma City, Okla.
154	Fayetteville-Springdale, Ark.	194	Jersey City, N.J.	234	Mansfield, Ohio		
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159	Fort Collins, Colo.	199	Kankakee, Ill.			275	Oxnard-Simi Valley-Ventura, Calif.
160	Fort Lauderdale-Hollywood, Fla.	200	Kansas City, Mo.-Kans.	239	Memphis, Tenn.-Ark.-Miss.	276	Panama City, Fla.
161	Fort Myers-Cape Coral, Fla.	201	Kenosha, Wis.	240	Meriden, Conn.	277	Parkersburg-Marietta, W. Va.-Ohio
162	Fort Smith, Ark.-Okla.	202	Killeen-Temple, Tex.			278	Pascagoula-Moss Point, Miss.
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164	Fort Wayne, Ind.	204	Kokomo, Ind.	242	Midland, Tex.	280	Pensacola, Fla.
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176	Greensboro-Winston-Salem-High Point, N.C.	217	Lawton, Okla.	255	New Britain, Conn.	292	Poughkeepsie, N.Y.
177	Greenville-Spartanburg, S.C.	218	Lewiston-Auburn, Maine	256	New Brunswick-Perth Amboy-Sayreville, N.J.	293	Providence-Warwick-Pawtucket, R.I.-Mass.
178	Hagerstown, Md.	219	Lexington-Fayette, Ky.	257	New Haven-West Haven, Conn.	294	Provo-Orem, Utah
179	Hamilton-Middletown, Ohio	220	Lima, Ohio	258	New London-Norwich, Conn.-R.I.	295	Pueblo, Colo.
180	Harrisburg, Pa.	221	Lincoln, Nebr.	259	New Orleans, La.	296	Racine, Wis.
		222	Little Rock-North Little Rock, Ark.	260	New York, N.Y.-N.J.	297	Raleigh-Durham, N.C.
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182	Hickory, N.C.	224	Longview-Marshall, Tex.	261	Newark, N.J.	299	Redding, Calif.
183	Honolulu, Hawaii	225	Lorain-Elyria, Ohio	262	Newark, Ohio	300	Reno, Nev.
184	Houston, Tex.			263	Newburgh-Middletown, N.Y.		
185	Huntington-Ashland, W. Va.-Ky.-Ohio	226	Los Angeles-Long Beach, Calif.	264	Newport News-Hampton, Va.	301	Richland-Kennewick-Pasco, Wash.
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305	Rochester, Minn.	324	Santa Barbara-Santa Maria-Lompoc, Calif.	344	Steubenville-Weirton, Ohio-W. Va.	363	Visalia-Tulare-Porterville, Calif.
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311	St. Cloud, Minn.	329	Seattle-Everett, Wash.	350	Terre Haute, Ind.	369	West Palm Beach-Boca Raton, Fla.
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313	St. Louis, Mo.-Ill.	331	Sheboygan, Wis.	352	Toledo, Ohio-Mich.	371	Wichita, Kans.
314	Salem, Oreg.	332	Sherman-Denison, Tex.	353	Topeka, Kans.	372	Wichita Falls, Tex.
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Introduction

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GENERAL

This report is part of the *Metropolitan Housing Characteristics* series and presents cross-tabulations of sample data on housing and household characteristics from the 1980 Census of Population and Housing. Legal provision for this census, which was conducted as of April 1, 1980, was made in the Act of Congress of August 31, 1954 (amended August 1957, December 1975, and October 1976), which codified Title 13, United States Code.

The content and procedures of the 1980 census were determined after evaluation of the results of the 1970 census, consultation with a wide variety of users of census data, and extensive field testing. A number of changes were introduced in 1980 to improve the usefulness of the census results. The changes do not, however, affect to any appreciable extent the comparability between the 1980 data and the 1970 data. Further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in other publications of the 1980 census.

The *Metropolitan Housing Characteristics* series consists of a United States

Summary report and individual reports for each of the 50 States, Puerto Rico, and each of the standard metropolitan statistical areas (SMSA's) in the United States and Puerto Rico. The abbreviated identification for this report is HC80-2 (i.e., Housing Census, 1980, Volume 2) followed by a number representing the State or SMSA.

In the SMSA reports, data are published for the following levels of geography: the SMSA, each central city, and each place of 50,000 or more population. In the State reports, data are shown for the State, that part of the State inside SMSA's, and inside central cities. In the United States Summary report, data are published for the United States total, inside SMSA's, and inside central cities, and for the four census regions, the region total, inside SMSA's, and inside central cities.

CONTENTS OF THE REPORT

This report contains text (this introduction and six appendixes), a table of contents, one or more maps, and a series of detailed tables. The detailed tables are organized to provide a set of 68 tables for each geographic area (State, SMSA, central city, etc.) covered in the report. As shown in the "Index of Tables" on page IX, the set of tables for each geographic area is identified with a unique letter (A, B, C, etc.) prefix in the table number. In the SMSA reports, the SMSA is presented first, followed by the sets of tables for the central cities and places, all in alphabetical order.

For each particular area, the 68 tables consist of: 13 tables for the area in its entirety, 44 tables for occupied housing units classified by the racial group of the householder, and 11 tables for occupied housing units with householders of Spanish origin. More specifically, tables

1 to 13 are for the entire State, SMSA, central city, or place; tables 14 to 24 are for housing units with a White householder; tables 25 to 35 are for units with a Black householder; tables 36 to 46 are for units with an American Indian, Eskimo, or Aleut householder; tables 47 to 57 are for units with an Asian or Pacific Islander householder; and tables 58 to 68 are for units with a Spanish origin householder.

The race and Spanish origin tables are presented for SMSA's and places only when certain population-size criteria are met. Tables 25 to 35 (Black); 36 to 46 (American Indian, Eskimo, and Aleut); and 47 to 57 (Asian and Pacific Islander) are presented only when the particular area's population contains 10,000 or more persons of the given racial group or when the persons in the given racial groups constitute 10 percent or more of the total population of the particular area. If any of these 3 sets of tables qualify to appear for an area, tables 14 to 24 (White) are also presented. The Spanish origin tables (58 to 68) are shown if there are 10,000 or more Spanish origin persons in the particular area or if such persons constitute 10 percent or more of the total population of the particular area.

Appearing last in the report are the appendixes. Appendix A describes the various area classifications (e.g., standard metropolitan statistical area, census designated place). Appendix B provides definitions and explanations for the subjects covered in this report. Appendix C briefly explains the residence rules used in counting the population and describes the data collection and processing procedures. Appendix D presents information on the sources of error in the data and on editing procedures. Appendix E contains facsimiles of the 1980 census questionnaire pages and respondent instructions. Appendix F summarizes the data dissemination program of the 1980 census.

DERIVED FIGURES (Means, Medians, and Percents)

This report presents means, medians, and percents, as well as certain rates and ratios. The median—a type of average—is the middle value in a distribution; i.e., the median divides the distribution into two equal parts: one-half of the cases are below the median and one-half of the cases are above the median. Percents and other derived measures which round to less than 0.1 are not shown but are indicated as zero (i.e., "—").

Medians for rooms are rounded to the nearest tenth; for age, to the nearest year; for persons, to the nearest hundredth; for value, to the nearest hundred dollars; and for income, selected monthly owner costs, contract and gross rent, to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. For example, median age is based on a distribution of five year intervals from 15 to 85 years. When the median falls in the lower terminal category of an open-ended distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$10,000," it is shown as "\$10,000—." When the median falls in the upper terminal category of an open-

ended distribution, the initial value of the terminal category is given followed by a plus sign; thus, for example, if the median falls in the category "\$150,000 or more," it is shown as "\$150,000+."

SYMBOLS AND GEOGRAPHIC ABBREVIATIONS

The following symbols and geographic abbreviations are used in the tables:

- A dash "—" represents zero or a percent which rounds to less than 0.1.
- Three dots "... " mean not applicable, or that the data are being withheld to avoid disclosure of information for individual housing units. (For further information on disclosure, see the section below on "Suppression of Data for Confidentiality.")
- CDP is census designated place.
- SMSA is standard metropolitan statistical area.

SUPPRESSION OF DATA FOR CONFIDENTIALITY

To maintain the confidentiality promised respondents and required by law, the Census Bureau takes precautions that its published data do not disclose information about specific individuals and housing units. To accomplish this, the Bureau suppresses data for characteristics which are based on a small number of persons and/or housing units in the geographic area. Under certain conditions, both primary and complementary suppression, as defined below, may take place.

The general rules of primary suppression of sample data are as follows: esti-

mates of total population by race and Spanish origin are never suppressed; other characteristics for persons are shown only if there are 30 or more persons in the geographic area; estimates of total housing units, vacant housing units, year-round housing units, and occupied housing units are never suppressed; characteristics of year-round housing units which are not classified by occupancy status are shown only when there are 10 or more year-round housing units in the geographic area; characteristics of families, households, or occupied housing units are shown only if there are at least 10 occupied housing units within the geographic area; and distributions of data for owners or renters are shown only where the number of owners is at least 10 and the number of renters is also at least 10. These primary suppression criteria are applied independently of one another. The comparable figures for complete count (100-percent) data are 15 or more persons and 5 or more housing units of the specified type.

Population and occupied housing unit characteristics cross-classified by race or Spanish origin (of the householder in the case of occupied housing units) are subject to an additional level of examination. This requires that the 30 person or 10 housing unit criterion stated above be applied individually to each race or Spanish origin category.

Finally, complementary suppression is applied to prevent the derivation of primary suppressed data by subtraction. For example, housing unit data shown by tenure may require complementary suppression when the number of owner-occupied or renter-occupied housing units is less than 10.

1980

Census of Housing

Metropolitan Housing Characteristics

SIOUX CITY, IOWA-NEBR.

STANDARD METROPOLITAN STATISTICAL AREA

HC80-2-334

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Arrangement of Tables

This report presents a set of tables for the SMSA, each central city, and each place of 50,000 inhabitants or more. The report is organized to provide a set of 68 tables for each geographic area. There are 11 tables showing data for all households in the area, 2 tables showing data for vacant units, 11 tables for householders of each of four separate race groups, and 11 tables for householders of Spanish origin. The race/Spanish origin tables are, however, shown only when certain population criteria are met. See page VII of the Introduction for further information. To assist the reader in using this report, the listings are presented as follows:

	Page
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List of Tables—shows the table numbers and titles for each of the 68 tables	X
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Tables for the total SMSA have the prefix letter "A"; tables for central cities and places of 50,000 inhabitants or more, in alphabetical order, have the prefix letter "B," "C," etc.

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Table Finding Guide— Cross-Classification of Subjects by Table Number

Subject	Value	Gross rent	Income and poverty status in 1979 of owner-occupied housing units	Income and poverty status in 1979 of renter-occupied housing units	Selected monthly owner costs for mortgaged housing units	Selected monthly owner costs for not mortgaged housing units
OCCUPANCY CHARACTERISTICS						
Condominium	—	—	—	—	—	—
Year moved into unit	1	2	3	4	5	6
UTILIZATION CHARACTERISTICS						
Rooms	1	2	—	—	5	6
Persons in unit	—	—	—	—	5	6
Bedrooms	1	2	—	—	—	—
Median rooms	1	2	3	4	5	6
STRUCTURAL CHARACTERISTICS						
Units in structure	—	2	—	—	—	—
Year structure built	1	2	—	—	5	6
Stories in structure	—	2	—	—	—	—
PLUMBING CHARACTERISTICS						
Plumbing facilities	1	2	3	4	—	—
EQUIPMENT AND FUELS						
Heating equipment	1	2	3	4	5	6
Air conditioning	1	2	3	4	5	6
Vehicles available	—	—	3	4	—	—
House heating fuel	—	—	3	4	5	6
Water heating fuel	—	—	—	—	—	—
FINANCIAL CHARACTERISTICS						
Value	—	—	—	—	5	6
Price asked	—	—	—	—	—	—
Mortgage status and selected monthly owner costs	—	—	3	—	—	—
Selected monthly owner costs as percentage of household income	—	—	—	—	5	6
Contract rent	—	—	—	4	—	—
Gross rent	—	—	—	4	—	—
Rent asked	—	—	—	—	—	—
Gross rent as percentage of household income	—	2	—	4	—	—
Mortgage status and selected monthly owner costs as percentage of household income	1	—	3	—	—	—
HOUSEHOLD CHARACTERISTICS						
Household type by age of householder	1	2	3	4	5	6
Income	1	—	—	—	—	—
Income below poverty level	1	2	—	—	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	14	15	16	17	18	19
Black	25	26	27	28	29	30
American Indian, Eskimo, and Aleut	36	37	38	39	40	41
Asian and Pacific Islander	47	48	49	50	51	52
Spanish origin	58	59	60	61	62	63

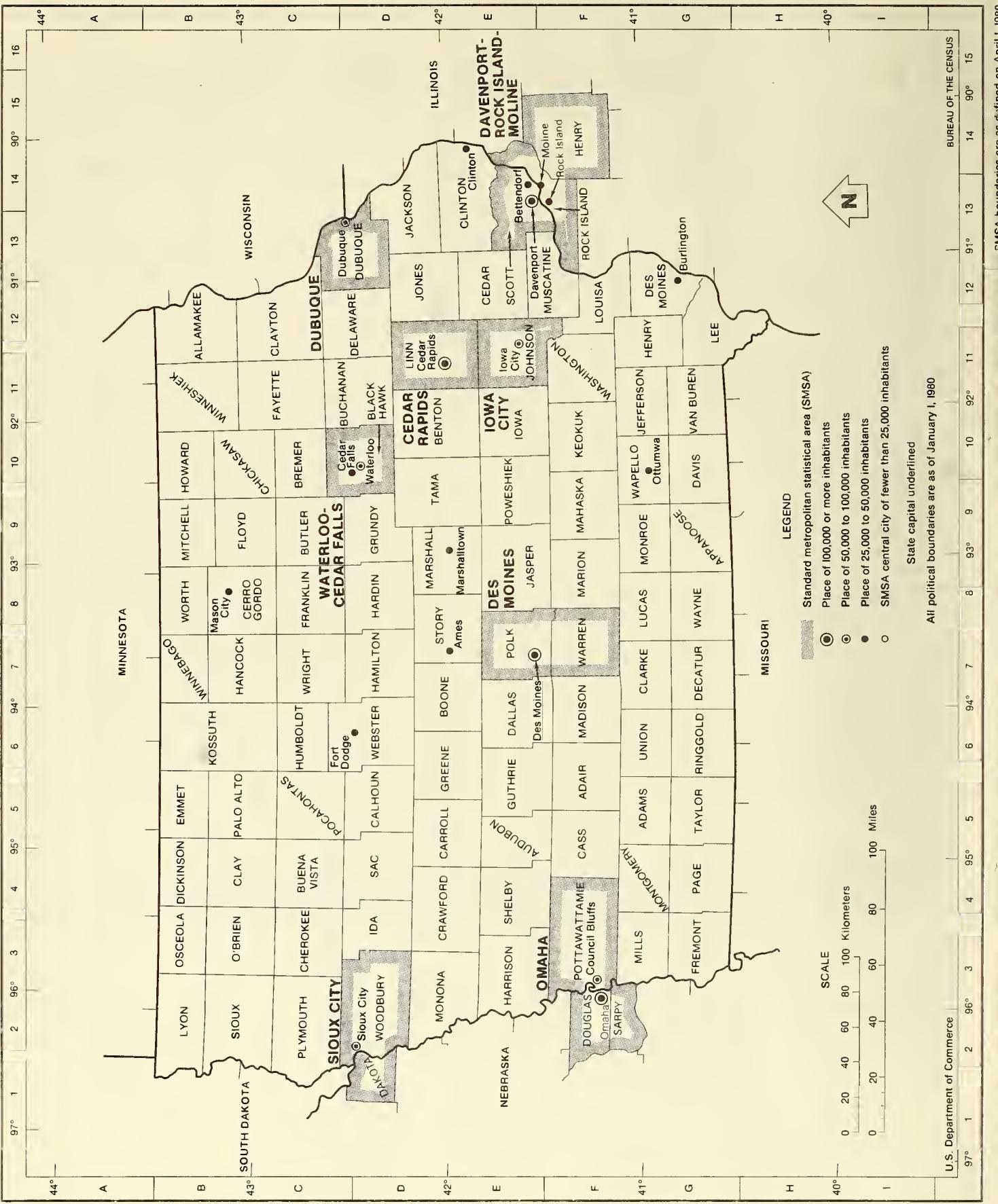
Table Finding Guide—Cross-Classification of Subjects by Table Number

Subject	Year structure built	Units in structure	Size of household (persons)	Household composition by age of householder	Age and sex of householder in one-person households	Duration of vacancy	Price asked and rent asked
OCCUPANCY CHARACTERISTICS							
Condominium	—	8	—	—	—	—	—
Year moved into unit.	7	8	—	—	—	—	—
UTILIZATION CHARACTERISTICS							
Rooms	7	8	9	—	—	12	—
Persons in unit.	7	—	—	10	—	—	—
Bedrooms	—	8	—	—	—	12	13
Median rooms	7	8	9	—	—	12	—
STRUCTURAL CHARACTERISTICS							
Units in structure	7	—	9	—	11	12	13
Year structure built.	—	—	—	—	—	12	13
Stories in structure	—	—	—	—	—	—	—
PLUMBING CHARACTERISTICS							
Plumbing facilities	7	8	9	10	11	12	13
EQUIPMENT AND FUELS							
Heating equipment	7	8	—	—	—	12	—
Air conditioning.	7	8	—	—	—	—	—
Vehicles available	—	8	—	—	—	—	—
House heating fuel	7	8	—	—	—	—	—
Water heating fuel.	—	8	—	—	—	—	—
FINANCIAL CHARACTERISTICS							
Value	—	—	9	—	—	—	—
Price asked.	—	—	—	—	—	12	—
Mortgage status and selected monthly owner costs	—	—	—	—	11	—	—
Selected monthly owner costs as percentage of household income.	—	—	9	—	11	—	—
Contract rent	—	—	—	—	—	—	—
Gross rent	—	—	9	—	11	—	—
Rent asked.	—	—	—	—	—	12	—
Gross rent as percentage of household income.	—	—	9	10	11	—	—
Mortgage status and selected monthly owner costs as percentage of household income.	—	—	—	10	—	—	—
HOUSEHOLD CHARACTERISTICS							
Household type by age of householder	7	8	—	—	—	—	—
Income	7	8	9	—	11	—	—
Income below poverty level	7	8	9	—	11	—	—

The table numbers listed above show data for all households. Similar data are shown in the tables listed below when there are 10,000 or more persons of the race or Spanish origin group, or if the group comprises 10 percent of the area population. For further explanation, see the Introduction on page VII.

White	20	21	22	23	24	—	—
Black	31	32	33	34	35	—	—
American Indian, Eskimo, and Aleut	42	43	44	45	46	—	—
Asian and Pacific Islander	53	54	55	56	57	—	—
Spanish origin	64	65	66	67	68	—	—

Standard Metropolitan Statistical Areas, Counties, and Selected Places



CORRECTION NOTE

Any corrections to the 1980 census counts of the total population and total housing units made after this report was printed are available by writing to Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233.

NOTE TO USERS:

The "Not computed" line for Mortgage Status and Selected Monthly Owner Costs as Percentage of Household Income in 1979 for not mortgaged units includes households with zero or negative income and households reporting no housing costs; that is, not mortgaged units with no utility, fuel, tax, or insurance payments required. Households with no Selected Monthly Owner Costs are normally excluded from the "Not computed" category.

Table A-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	24 329	623	2 779	5 416	5 640	4 154	2 542	2 158	526	376	115	35 900	39 700
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	18 256	264	1 567	3 594	4 248	3 505	2 186	1 954	501	343	94	38 800	42 700
15 to 24 years	628	15	47	213	220	88	31	14	—	—	—	31 500	32 400
25 to 34 years	4 227	21	111	700	1 176	968	608	463	49	31	—	40 100	42 200
35 to 44 years	3 466	31	198	456	717	642	595	568	169	74	16	44 400	48 400
45 to 64 years	6 907	98	554	1 366	1 512	1 287	761	779	259	213	78	39 500	45 200
65 years and over	3 028	99	557	859	623	520	191	130	24	25	—	30 000	33 000
Male householder, no wife present	1 428	107	278	374	278	173	126	60	15	9	8	29 000	32 800
15 to 24 years	127	9	35	29	19	2	23	10	—	—	—	28 200	31 400
25 to 34 years	295	7	34	83	75	59	23	7	7	—	—	32 400	34 600
35 to 44 years	130	5	7	27	20	31	35	—	—	5	—	41 600	40 700
45 to 64 years	419	36	72	98	106	38	31	18	8	4	8	30 300	36 600
65 years and over	457	50	130	137	58	43	14	25	—	—	—	23 000	26 300
Female householder, no husband present	4 645	252	934	1 448	1 114	476	230	144	10	24	13	27 900	30 200
15 to 24 years	36	—	6	4	14	12	—	—	—	—	—	36 700	34 000
25 to 34 years	457	14	114	108	125	59	16	17	—	4	—	29 600	30 200
35 to 44 years	402	9	60	93	94	98	15	29	—	—	4	32 900	35 600
45 to 64 years	1 342	35	180	428	361	184	78	49	4	14	9	30 700	34 000
65 years and over	2 408	194	574	815	520	123	121	49	6	6	—	25 200	27 000
Median age	51.3	67.5	62.9	55.7	50.6	46.7	43.8	44.4	47.1	52.0	50.7	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 477	60	115	389	1 640	440	349	328	95	61	—	40 600	44 800
1975 to 1978	6 264	71	457	992	1 328	1 264	929	880	159	139	45	42 000	45 700
1970 to 1974	3 962	97	443	855	954	566	437	412	99	65	34	36 500	41 400
1960 to 1969	5 177	131	696	1 161	1 136	998	454	378	130	68	25	35 700	38 500
1959 or earlier	6 449	264	1 068	2 019	1 582	886	373	160	43	43	11	29 400	31 800
ROOMS													
1 to 3 rooms	452	132	152	98	60	5	3	2	—	—	—	15 600	18 300
4 rooms	3 252	142	717	1 286	764	218	67	40	10	—	8	25 900	27 400
5 rooms	6 941	200	1 045	1 738	1 942	1 244	500	242	3	27	—	32 400	33 300
6 rooms	5 556	85	486	1 231	1 430	1 121	602	497	60	32	12	36 400	38 900
7 rooms	3 897	35	251	651	870	805	603	514	129	33	6	41 700	44 100
8 or more rooms	4 231	29	128	412	574	761	767	863	324	284	89	52 400	58 900
Median	5.8	4.7	5.0	5.3	5.5	6.0	6.7	7.1	8.2	8.4	8.5+	...	...
BEDROOMS													
None	36	19	7	—	10	—	—	—	—	—	—	—	—
1	822	170	267	237	95	29	7	12	5	—	18 000	20 900	
2	7 871	274	1 464	2 611	2 116	858	274	213	35	9	17	28 500	30 300
3	10 734	115	810	1 858	2 554	2 346	1 450	1 176	215	173	37	40 100	42 900
4	3 991	36	197	563	742	801	700	596	179	145	32	44 600	49 700
5 or more	875	9	34	147	123	120	111	161	97	44	29	50 400	58 400
YEAR STRUCTURE BUILT													
1975 to March 1980	2 220	29	34	42	214	318	559	722	159	120	23	58 500	62 000
1970 to 1974	1 433	26	33	46	209	337	324	317	94	36	11	51 700	55 000
1960 to 1969	3 029	40	39	257	565	777	626	497	112	78	38	48 100	52 100
1950 to 1959	3 757	36	228	589	1 144	974	375	235	58	80	38	39 000	42 600
1940 to 1949	2 318	51	322	577	686	444	111	102	19	6	—	32 600	33 900
1939 or earlier	11 572	441	2 123	3 905	2 822	1 304	547	285	84	56	5	28 300	30 500
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	2 278	234	611	584	522	171	70	62	2	9	13	24 300	27 400
\$5,000 to \$9,999	3 308	138	743	1 090	748	313	155	98	13	10	—	26 600	29 200
\$10,000 to \$12,499	1 502	41	289	448	413	183	72	42	6	8	—	29 500	31 000
\$12,500 to \$14,999	1 525	20	256	491	448	180	72	47	—	11	—	29 900	32 000
\$15,000 to \$19,999	4 100	88	422	995	1 110	817	423	202	38	5	—	34 700	36 100
\$20,000 to \$24,999	3 707	51	196	734	1 001	931	403	303	54	34	—	38 800	40 500
\$25,000 to \$34,999	4 697	23	222	786	1 002	1 034	771	673	140	38	8	42 900	45 000
\$35,000 to \$49,999	2 111	28	35	194	334	405	403	478	127	87	20	51 100	55 100
\$50,000 or more	1 101	5	94	62	120	173	253	146	174	74	66 100	77 700	
Median	\$19 326	\$7 279	\$10 307	\$15 381	\$18 204	\$22 230	\$25 852	\$28 860	\$35 724	\$46 953	\$75000+	...	...
Mean	\$21 645	\$10 653	\$12 151	\$16 796	\$18 653	\$23 340	\$27 351	\$31 952	\$45 597	\$57 749	\$77 258	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	14 243	86	976	2 585	3 419	2 777	1 888	1 761	420	252	79	40 200	44 300
Less than 15 percent	4 083	45	305	834	945	773	505	412	117	109	38	39 200	43 900
15 to 19 percent	3 015	14	241	618	618	602	364	404	85	41	28	40 300	44 500
20 to 24 percent	2 560	4	145	424	729	508	314	315	84	37	—	39 700	43 800
25 to 29 percent	1 688	9	55	242	372	429	277	243	44	17	—	43 700	45 600
30 to 34 percent	880	2	47	134	201	160	161	101	55	14	5	43 100	47 400
35 percent or more	1 924	7	180	323	533	278	267	268	35	25	8	38 400	42 900
Not computed	93	5	3	10	21	27	18	—	9	—	—	43 100	50 300
Median	20.0	14.1	18.8	18.7	20.9	20.0	21.2	20.9	20.5	16.5	15.3	—	—
With a mortgage	10 086	537	1 803	2 831	2 221	1 377	654	397	106	124	36	29 500	33 200
Less than 10 percent	3 566	164	474	928	787	594	285	180	66	76	12	32 600	36 700
10 to 14 percent	2 068	71	274	555	523	325	185	82	27	15	11	32 300	35 700
15 to 19 percent	1 324	74	282	403	282	187	31	45	6	14	—	27 900	30 300
20 to 24 percent	810	22	200	289	164	56	54	16	—	—	—	25 700	29 000
25 to 29 percent	555	32	139	172	109	47	30	19	7	—	—	26 400	29 200
30 to 34 percent	412	32	111	114	68	52	17	18	—	—	—	27 100	28 300
35 percent or more	1 264	127	292	358	276	103	48	37	—	10	13	24 600	29 000
Not computed	87	15	31	12	13	4	—	—	—	—	—	17 900	23 600
Median	13.5	16.8	17.4	14.3	13.0	11.4	11.1	11.1	10—	10—	12.7	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	24 238	592	2 760	5 387	5 633	4 154	2 542	2 158	521	376	115	35 900	39 800
1.01 or more persons per room	470	17	60	161	136	46	22	20	—	—	8	29 800	33 600
Lacking complete plumbing for exclusive use	91	31	19	29	7	—	—	—	5	—	—	16 600	20 400
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	24 329	623	2 779	5 416	5 640	4 154	2 542	2 158	526	376	115	35 900	39 700
Central heating system	23 316	433	2 446	5 209	5 509	4 091	2 499	2 123	522	369	115	36 400	40 400
Air conditioning	20 384	354	1 882	4 055	4 777	3 818	2 421	2 087	504	371	115	38 200	42 100
Central system	11 599	54	319	1 191	2 384	2 683	2 105	1 940	474	334	115	46 700	51 100
Income in 1979 below poverty level	1 812	190	442	436	434	140	68	78	2	9	13	24 900	28 700
Percent below poverty level	7.4	30.5	15.9	8.1	7.7	3.4	2.7	3.6	0.4	2.4	11.3	...	...

Table A-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B.]

The SMSA

Specified renter-occupied housing units

HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER

Married-couple families

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Male householder, no wife present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Female householder, no husband present

15 to 24 years

25 to 34 years

35 to 44 years

45 to 64 years

65 years and over

Median age

YEAR HOUSEHOLDER MOVED INTO UNIT

1979 to March 1980

1975 to 1978

1970 to 1974

1960 to 1969

1959 or earlier

ROOMS

1 room

2 rooms

3 rooms

4 rooms

5 rooms

6 rooms

7 or more rooms

Median

PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979

All income levels in 1979

Complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

Locking complete plumbing for exclusive use

0.50 or less

0.51 to 1.00

1.01 to 1.50

1.51 or more

Income in 1979 below poverty level

Complete plumbing for exclusive use

1.01 or more persons per room

Lacking complete plumbing for exclusive use

1.01 or more persons per room

BEDROOMS

None

1

2

3

4

5 or more

UNITS IN STRUCTURE

1, detached or ottoched

2

3 and 4

5 to 9

10 to 49

50 or more

Mobile home or trailer, etc.

YEAR STRUCTURE BUILT

1975 to March 1980

1970 to 1974

1960 to 1969

1950 to 1959

1940 to 1949

1939 or earlier

STORIES IN STRUCTURE

1 to 3

4 or more

With elevator

GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979

Less than 15 percent

15 to 19 percent

20 to 24 percent

25 to 29 percent

30 to 34 percent

35 to 49 percent

50 percent or more

Not computed

Median

SELECTED CHARACTERISTICS

Hearing equipment

Central heating system

Air conditioning

Central system

Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
11 344	684	1 340	2 409	2 285	1 891	1 253	593	331	122	436	224
3 726	66	231	530	804	758	530	338	197	80	192	259
837	9	64	122	207	224	169	31	3	—	8	253
1 194	—	11	180	300	270	166	126	92	8	41	264
499	6	27	63	77	66	85	66	32	25	32	286
720	19	41	115	137	31	63	62	27	40	85	252
476	32	88	50	83	47	47	53	43	7	26	232
2 630	186	452	610	496	416	233	50	73	22	92	202
698	16	66	179	177	139	54	13	35	—	19	220
849	19	104	203	172	178	110	29	17	9	8	227
309	15	60	68	55	55	31	8	5	—	12	204
420	92	129	80	39	24	20	—	—	13	23	144
354	44	93	80	53	20	18	—	16	—	30	165
4 988	432	657	1 269	985	717	490	205	61	20	152	203
1 178	42	134	314	327	218	95	34	8	—	6	215
1 124	12	93	288	225	230	165	61	36	8	6	238
429	—	44	88	96	70	95	17	—	—	19	241
769	34	157	221	156	88	47	35	1	—	30	190
1 488	344	229	358	181	111	88	58	16	12	91	166
34.0	70.8	51.9	33.0	29.7	28.9	30.8	35.3	33.3	60.4	57.5	...
5 447	231	468	1 062	1 187	1 072	703	337	241	57	89	240
3 428	217	414	722	716	553	394	196	60	50	106	222
1 154	134	165	278	160	208	72	40	18	7	72	195
814	87	207	195	146	28	63	12	—	8	68	169
501	15	86	152	76	30	21	8	12	—	101	177
251	96	101	35	—	8	11	—	—	—	—	105
968	150	399	248	88	33	13	—	7	—	30	138
2 642	305	429	1 006	511	262	23	37	14	—	55	177
3 267	77	210	641	872	727	459	130	80	13	58	239
2 385	30	110	288	554	549	417	162	116	29	130	263
1 214	23	84	128	198	238	212	198	37	39	57	286
617	3	7	63	62	74	118	66	77	41	106	320
4.1	2.8	2.9	3.4	4.1	4.4	4.8	5.3	5.1	6.0	5.1	...
2 435	354	373	539	458	288	179	109	49	2	84	191
2 329	317	324	526	458	283	179	109	49	2	82	196
164	8	23	18	24	17	22	22	22	—	8	261
106	37	49	13	—	5	—	—	—	—	2	105
6	—	—	6	—	—	—	—	—	—	—	185
672	166	297	163	14	13	17	—	—	—	2	128
3 994	419	779	1 411	831	387	46	5	25	—	91	175
4 511	79	173	597	1 123	1 106	782	266	144	60	181	258
1 733	17	83	204	257	341	345	258	115	42	71	292
370	3	4	30	47	39	49	64	42	8	84	320
64	—	4	4	13	5	14	—	5	12	7	309
3 873	72	258	521	802	693	621	326	181	70	329	258
1 424	36	144	275	369	322	122	68	48	5	35	235
1 459	63	242	557	230	175	109	46	15	13	9	186
1 580	127	270	412	311	201	162	59	14	16	8	196
2 113	272	369	492	382	312	188	37	41	11	9	190
517	104	46	82	85	82	39	43	23	7	6	209
378	10	11	70	106	106	12	14	9	—	40	239
1 253	150	92	114	143	213	239	133	83	61	25	270
1 163	126	37	94	262	305	170	42	55	44	28	257
1 171	41	36	130	242	310	179	99	57	—	77	270
1 220	6	128	225	268	328	107	64	54	5	35	244
1 563	24	194	369	393	234	202	95	11	2	39	223
4 974	337	853	1 477	977	501	356	160	71	10	232	189
10 686	580	1 178	2 195	2 167	1 886	1 226	578	318	122	436	229
658	104	162	214	118	5	27	15	13	—	—	166
320	90	31	49	95	—	27	15	13	—	—	176
1 925	210	266	451	422	310	116	77	43	30	...	205
1 860	70	189	367	446	334	260	116	47	31	...	236
1 629	165	219	307	330	290	197	68	38	15	...	218
1 129	111	132	225	213	161	186	64	20	17	...	222
821	48	107	182	130	218	105	26	5	—	...	230
1 547	29	236	368	326	220	179	90	79	20	...	221
1 813	37	115	476	382	347	204	147	96	9	...	238
620	14	76	33	36	11	6	5	3	—	436	153
24.8	21.7	24.0	26.4	23.9	25.2	26.4	27.6	36.7	20.0	...	...
11 344	684	1 340	2 409	2 285	1 891	1 253	593	331	122	436	224
10 597	647	1 181	2 220	2 120	1 820	1 212	577	295	122	403	226
6 814	385	532	1 100	1 299	1 388	900	471	275	118	346	247
2 411	141	87	94	278	550	484	300	205	111	161	298

Table A-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.)

The SMSA

	Household income in 1979													Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Owner-occupied housing units	30 058	3 075	4 241	1 955	1 985	5 070	4 500	5 439	2 474	1 319	18 721	21 104	2 540
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	22 190	834	1 988	1 263	1 386	4 149	4 012	5 011	2 325	1 222	21 730	24 505	915	
15 to 24 years	921	31	63	112	82	322	230	67	14	—	18 093	17 436	38	
25 to 34 years	4 901	108	132	198	320	1 370	1 280	1 147	272	74	21 118	22 146	177	
35 to 44 years	4 175	104	127	157	107	651	678	1 283	639	229	25 374	27 424	193	
45 to 64 years	8 428	301	454	293	483	1 248	1 385	2 210	1 249	805	25 180	29 126	324	
65 years and over	3 765	290	1 212	503	394	558	239	304	151	114	11 891	15 723	183	
Male householder, no wife present	2 047	357	416	171	175	402	233	179	67	47	13 636	15 390	240	
15 to 24 years	222	28	31	25	31	50	26	31	—	—	14 677	14 717	19	
25 to 34 years	426	44	38	32	39	133	67	43	23	7	17 083	18 223	49	
35 to 44 years	212	17	10	23	10	76	32	16	12	16	17 656	22 567	17	
45 to 64 years	588	71	97	63	70	95	90	58	24	20	14 750	16 933	65	
65 years and over	599	197	240	28	25	48	18	31	8	4	6 525	9 571	90	
Female householder, no husband present	5 821	1 884	1 837	521	424	519	255	249	82	50	7 468	10 152	1 385	
15 to 24 years	85	38	31	4	—	8	4	—	—	—	5 489	7 135	38	
25 to 34 years	610	109	203	89	51	60	45	40	5	8	9 797	11 795	212	
35 to 44 years	495	69	127	87	74	60	30	45	—	3	11 480	12 791	121	
45 to 64 years	1 659	339	470	180	204	220	100	85	49	12	10 285	12 522	293	
65 years and over	2 972	1 329	1 006	161	95	171	76	79	28	27	5 602	8 139	721	
Median age	51.3	68.7	67.9	56.4	53.8	41.6	40.5	45.4	48.7	52.2	...	...	59.4
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	3 274	194	308	195	283	798	571	560	249	116	19 130	21 398	223	
1975 to 1978	7 805	471	566	479	468	1 628	1 590	1 638	642	323	20 863	22 849	568	
1970 to 1974	4 993	428	513	259	289	805	864	1 030	530	275	21 055	23 749	429	
1960 to 1969	6 135	572	795	478	388	884	782	1 244	656	336	19 715	22 393	461	
1959 or earlier	7 851	1 410	2 059	544	557	955	693	967	397	269	12 098	16 560	859	
SELECTED CHARACTERISTICS														
Complete plumbing for exclusive use	29 879	2 996	4 187	1 940	1 981	5 047	4 496	5 439	2 474	1 319	18 802	21 188	2 475	
1.01 or more persons per room	624	10	52	51	14	152	154	79	81	31	21 130	24 214	88	
Locking complete plumbing for exclusive use	179	79	54	15	4	23	4	—	—	—	5 625	7 152	65	
1.01 or more persons per room	11	—	—	—	—	11	—	—	—	—	16 250	16 300	—	
Heating equipment	30 052	3 075	4 241	1 955	1 985	5 070	4 500	5 439	2 468	1 319	18 718	21 101	2 540	
Central heating system	28 583	2 718	3 886	1 843	1 899	4 881	4 364	5 315	2 385	1 292	19 040	21 438	2 231	
Air conditioning	24 780	2 081	3 239	1 481	1 595	4 150	3 870	4 882	2 243	1 239	19 811	22 297	1 715	
Central system	13 873	732	1 271	615	639	2 010	2 417	3 367	1 769	1 053	23 441	26 496	698	
Vehicles available	28 084	2 013	3 589	1 878	1 950	4 995	4 468	5 410	2 462	1 319	19 616	22 136	1 876	
1	9 348	1 310	2 452	1 002	908	1 585	908	781	239	163	12 275	14 723	1 064	
2 or more	18 736	703	1 137	876	1 042	3 410	3 560	4 629	2 223	1 156	22 946	25 834	812	
House heating fuel	30 052	3 075	4 241	1 955	1 985	5 070	4 500	5 439	2 468	1 319	18 718	21 101	2 540	
Utility gas	23 532	2 303	3 473	1 501	1 566	4 005	3 517	4 314	1 815	1 038	18 658	21 133	1 827	
Bottled, tank, or LP gas	2 331	300	350	198	151	407	352	341	154	78	16 720	18 402	292	
Electricity	2 317	130	81	87	136	337	425	561	403	157	24 554	27 082	129	
Fuel oil, kerosene, etc.	1 553	294	300	136	123	269	131	181	80	39	13 445	15 932	246	
Other	319	48	37	33	9	52	75	42	16	7	18 781	20 178	46	
Median rooms	5.7	5.0	5.1	5.3	5.3	5.6	5.9	6.2	6.7	7.5	...	...	5.3
Specified owner-occupied housing units	24 329	2 278	3 308	1 502	1 525	4 100	3 707	4 697	2 111	1 101	19 326	21 645	1 812	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS														
With a mortgage	14 243	528	876	646	795	2 782	2 779	3 565	1 535	737	22 598	24 892	717	
Less than \$200	1 085	92	209	119	87	233	165	158	8	14	15 506	16 532	118	
\$200 to \$249	1 698	66	174	154	168	397	255	339	102	43	18 645	20 060	106	
\$250 to \$299	2 090	129	175	114	172	398	465	442	162	33	20 565	20 872	155	
\$300 to \$349	2 054	69	87	98	110	444	395	560	240	51	22 800	23 845	88	
\$350 to \$399	1 809	65	76	46	88	473	420	422	151	68	21 996	23 512	90	
\$400 to \$449	2 716	25	108	56	105	473	688	730	384	147	23 947	26 987	56	
\$500 to \$599	1 525	33	13	39	23	249	289	546	217	116	25 883	29 207	40	
\$600 to \$749	858	37	27	14	37	88	92	262	172	129	28 161	33 133	45	
\$750 or more	408	12	7	6	5	27	10	106	99	136	29 667	51 791	19	
Median	\$355	\$291	\$266	\$272	\$291	\$341	\$363	\$384	\$425	\$511	...	...	\$293
Not mortgaged	10 086	1 750	2 432	856	730	1 318	928	1 132	576	364	12 517	17 059	1 095	
Less than \$50	34	15	6	—	2	11	—	—	—	—	6 250	9 192	7	
\$50 to \$74	455	178	168	35	11	25	28	4	6	6 105	8 081	101		
\$75 to \$99	1 263	344	455	126	88	104	51	66	23	6	7 819	10 300	201	
\$100 to \$124	2 233	461	646	187	227	319	211	144	32	6	10 127	12 342	266	
\$125 to \$149	2 391	388	577	273	116	317	237	322	131	30	12 111	15 679	256	
\$150 to \$199	2 425	261	370	175	245	383	281	407	216	87	16 941	20 279	171	
\$200 to \$249	765	72	119	54	37	121	76	143	103	40	19 517	22 370	62	
\$250 or more	520	31	91	6	4	38	44	46	65	195	35 000	45 628	31	
Median	\$136	\$118	\$123	\$132	\$133	\$141	\$143	\$154	\$172	\$250+	...	...	\$122
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
With a mortgage	14 243	528	876	646	795	2 782	2 779	3 565	1 535	737	22 598	24 892	717	
Less than 15 percent	4 083	—	11	13	24	335	608	1 503	971	618	31 308	36 776	10	
15 to 19 percent	3 015	—	4	66	130	581	833	931	375	95	24 375	26 187	—	
20 to 24 percent	2 560	—	58	146	223	584	732	663	134	20	21 738	22 387	13	
25 to 29 percent	1 688	—	92	108	136	633	379	302	34	4	18 941	19 540	26	
30 to 34 percent	880	—	126	79	95	289	167	103	21	—	17 769	17 672	21	
35 percent or more	1 924	435	585	234	187	360	60	63	—	—	9 403	10 267	554	
Not computed	93	93	—	—	—	—	—	—	—	—	—	—	93	
Median	20.0	50+	44.7	29.5	25.8	24.1	19.7	16.5	13.3	10—	...	...	50+
Not mortgaged	10 086	1 750	2 432	856	730	1 318	928	1 132	576	364	12 517	17 059	1 095	
Less than 10 percent	3 566	2	30	121	189	580	687	1 041	560	356	26 265	31 274	2	
10 to 14 percent	2 068	15	394	324	368	650	204	89	16	8	14 545	15 097	8	
15 to 19 percent	1 324	42	726	300	158	64	32	2	—	—	9 357	9 856	27	
20 to 24 percent	810	111	575	98	11	10	5	—	—	—	7 181	7 583	33	
25 to 29 percent	555	190	340	7	4	14	—	—	—	—	5 972	6 212	59	
30 to 34 percent	412	246	160	6	—	—	—	—	—	—	4 587	5 007	91	
35 percent or more	1 264	1 057	207	—	—	—	—	—	—	—	3 631	3 661	788	
Not computed	87	87	—	—	—</									

Table A-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

The SMSA

	Household income in 1979												Income in 1979 below poverty level
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)	
	12 290	2 672	3 136	1 387	1 069	1 768	1 030	850	231	147	10 607	12 851	2 587
Renter-occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	4 426	317	698	481	439	983	686	577	157	88	16 145	17 881	442
15 to 24 years	942	69	187	106	119	249	102	99	11	—	14 790	14 551	111
25 to 34 years	1 402	75	124	173	117	403	263	216	26	5	17 366	17 581	113
35 to 44 years	621	58	71	44	72	145	111	83	30	7	16 560	18 068	84
45 to 64 years	926	52	137	99	64	151	173	128	67	55	18 667	21 829	81
65 years and over	535	63	179	59	67	35	37	51	23	21	11 081	17 480	53
Male householder, no wife present	2 786	646	680	384	308	352	184	133	55	44	10 436	12 133	573
15 to 24 years	748	130	200	127	119	88	34	31	8	11	10 866	11 791	162
25 to 34 years	890	153	148	153	141	131	103	30	22	9	12 353	13 185	151
35 to 44 years	317	58	58	45	4	57	35	48	12	—	12 361	14 610	53
45 to 64 years	449	157	117	53	29	48	3	24	6	12	7 058	10 653	114
65 years and over	382	148	157	6	15	28	9	—	7	12	6 222	10 035	93
Female householder, no husband present	5 078	1 709	1 758	522	322	433	160	140	19	15	7 113	8 861	1 572
15 to 24 years	1 183	338	479	119	75	102	32	38	—	—	7 763	8 813	400
25 to 34 years	1 143	266	348	176	114	127	53	50	9	—	9 306	10 596	320
35 to 44 years	433	113	168	50	28	48	13	13	—	—	7 878	9 026	183
45 to 64 years	804	232	311	77	50	74	18	27	10	5	7 535	9 531	227
65 years and over	1 515	760	452	100	55	82	44	12	—	10	4 990	7 186	442
Median age	34.3	51.0	37.4	31.3	29.8	29.3	32.5	33.3	44.5	57.9	...	...	35.9
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	5 690	1 154	1 530	690	548	856	432	352	108	20	10 583	12 116	1 328
1975 to 1978	3 707	782	871	416	263	581	387	284	70	53	11 205	13 704	722
1970 to 1974	1 296	330	298	114	112	159	105	116	40	22	10 439	13 487	257
1960 to 1969	878	217	289	69	88	106	46	39	6	18	8 592	11 781	153
1959 or earlier	719	189	148	98	58	66	60	59	7	34	10 574	14 428	127
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	12 016	2 540	3 045	1 377	1 059	1 749	1 025	843	231	147	10 768	12 985	2 476
0.50 or less	7 825	1 922	2 154	882	684	936	552	467	115	113	9 588	12 156	1 431
0.51 to 1.00	3 733	552	800	426	337	705	430	335	114	34	13 157	14 698	873
1.01 to 1.50	354	53	59	63	38	79	31	29	2	—	12 632	12 993	111
1.51 or more	104	13	32	6	—	29	12	12	—	—	15 167	13 840	61
Locking complete plumbing for exclusive use	274	132	91	10	10	19	5	7	—	—	5 223	6 979	111
0.50 or less	140	57	62	8	—	7	5	1	—	—	6 016	7 129	48
0.51 to 1.00	111	75	18	2	10	6	—	—	—	—	4 114	5 424	57
1.01 to 1.50	23	—	11	—	—	6	—	6	—	—	15 208	13 573	6
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
SELECTED CHARACTERISTICS													
Heating equipment	12 290	2 672	3 136	1 387	1 069	1 768	1 030	850	231	147	10 607	12 851	2 587
Central heating system	11 278	2 380	2 901	1 229	1 000	1 633	975	804	217	139	10 728	13 016	2 321
Air conditioning	7 384	1 265	1 677	806	698	1 183	804	619	191	141	12 326	14 709	1 170
Vehicles available	2 566	382	469	244	222	474	276	297	113	89	14 517	17 026	325
1	9 712	1 348	2 204	1 270	1 009	1 701	1 011	824	216	129	12 584	14 434	1 454
2 or more	5 854	985	1 802	867	592	867	350	252	88	51	10 404	11 933	1 005
3 858	363	402	403	417	834	661	572	128	78	16 834	18 228	449	
House heating fuel	12 290	2 672	3 136	1 387	1 069	1 768	1 030	850	231	147	10 607	12 851	2 587
Utility gas	9 166	2 097	2 486	1 004	763	1 247	747	581	171	70	10 000	12 199	2 019
Battled, tank, or LP gas	790	146	134	83	78	163	64	101	5	16	13 526	15 812	136
Electricity	1 454	257	335	138	162	246	126	115	33	42	12 446	14 707	288
Fuel oil, kerosene, etc.	699	146	156	114	50	83	63	46	22	19	11 042	14 089	114
Other	181	26	25	48	16	29	30	7	—	—	12 057	13 260	30
Median rooms	4.2	3.5	3.8	4.3	4.2	4.5	4.9	4.8	5.2	4.9	...	...	3.9
Specified renter-occupied housing units	11 344	2 528	2 976	1 278	995	1 563	936	736	210	122	10 329	12 633	2 435
CONTRACT RENT													
Less than \$100	1 539	804	422	84	60	84	49	18	16	2	4 849	6 998	625
\$100 to \$149	2 302	586	803	272	197	241	77	101	25	—	8 158	9 946	520
\$150 to \$199	3 209	682	1 004	457	278	419	195	161	23	10	9 630	11 110	741
\$200 to \$249	2 217	227	463	272	262	431	316	193	40	13	13 898	15 467	331
\$250 to \$299	1 051	116	122	106	118	221	171	125	44	28	16 044	17 747	115
\$300 to \$349	393	13	65	43	37	62	53	75	33	12	18 105	21 194	10
\$350 to \$399	86	7	9	5	4	23	—	24	3	11	17 500	25 932	2
\$400 to \$499	73	7	—	—	11	17	13	6	19	28 250	31 913	7	
\$500 or more	38	—	—	—	—	7	2	13	16	46 878	48 169	—	
No cash rent	436	106	88	39	39	71	51	24	7	11	11 538	14 522	84
Median	\$171	\$130	\$160	\$175	\$185	\$200	\$219	\$220	\$247	\$310	...	...	\$151
GROSS RENT													
Less than \$100	684	465	126	44	12	15	6	—	16	—	4 126	5 555	354
\$100 to \$149	1 340	499	544	87	74	99	18	19	—	—	6 288	7 323	373
\$150 to \$199	2 409	638	865	302	179	219	96	87	11	12	8 057	9 771	539
\$200 to \$249	2 285	375	588	293	309	379	177	135	21	8	11 532	12 937	458
\$250 to \$299	1 891	246	371	290	182	357	221	160	59	5	13 029	14 462	288
\$300 to \$349	1 253	80	255	139	107	288	227	132	16	9	15 555	16 178	179
\$350 to \$399	593	85	89	37	53	84	87	105	35	18	16 195	18 921	109
\$400 to \$499	331	34	41	47	38	40	29	59	16	27	15 598	21 022	49
\$500 or more	122	—	9	—	2	11	24	15	29	32	35 000	36 635	2
No cash rent	436	106	88	39	39	71	51	24	7	11	11 538	14 522	84
Median	\$224	\$170	\$195	\$228	\$235	\$255	\$280	\$285	\$296	\$413	...	...	\$191
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
Less than 15 percent	1 925	32	99	86	132	399	378	516	180	103	22 716	25 642	61
15 to 19 percent	1 860	35	189	249	281	518	397	160	23	8	16 594	17 066	61
20 to 24 percent	1 629	159	436	265	293	357	83	36	—	—	12 071	12 140	143
25 to 29 percent	1 129	119	436	237	140	177	20	—	—	—	10 100	10 241	97
30 to 34 percent	821	119	391	260	39	12	—	—	—	—	8 502	8 396	92
35 to 49 percent	1 547	387	935	118	71	29	7	—	—	—	6 716	7 024	323
50 percent or more	1 813	1 387	402	24	—	—	—	—	—	—	3 674	3 763	1 390
Not computed	620	290	88	39	39	71	51	24	7	11	5 794	10 141	268
Median	24.8	50+	33.6	25.4	21.1	18.3	15.8	12.4	10—	10—	...	...	50+

Table A-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8]

The SMSA	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
Specified owner-occupied housing units	14 243	1 085	1 698	2 090	2 054	1 809	2 716	1 525	858	408	355
PERSONS IN UNIT											
1 person	985	197	170	200	98	111	112	72	25	-	281
2 persons	3 335	398	416	529	493	354	623	277	165	80	333
3 persons	2 981	188	350	477	433	381	551	341	197	63	356
4 persons	3 811	165	395	527	590	527	801	437	255	114	372
5 persons	1 916	99	213	198	264	238	425	270	133	76	389
6 persons	701	30	75	107	70	103	118	84	55	59	383
7 persons	367	8	52	35	67	81	65	33	19	7	363
8 or more persons	147	-	27	17	39	14	21	11	9	9	338
Median	3.44	2.37	3.25	3.16	3.51	3.61	3.59	3.67	3.66	4.04	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families	12 170	763	1 348	1 679	1 768	1 564	2 460	1 389	813	386	367
15 to 24 years	591	36	27	69	181	67	151	39	21	-	345
25 to 34 years	4 025	128	329	477	546	655	997	535	281	77	391
35 to 44 years	3 076	126	313	333	425	396	622	456	274	131	393
45 to 64 years	4 079	390	557	727	578	399	675	338	237	178	332
65 years and over	399	83	122	73	38	47	15	21	-	-	248
Male householder, no wife present	625	59	88	141	87	86	83	61	8	12	314
15 to 24 years	80	3	8	9	22	23	15	-	-	-	345
25 to 34 years	238	14	20	68	27	41	34	27	-	7	331
35 to 44 years	95	4	24	6	12	15	10	19	-	5	355
45 to 64 years	185	30	29	52	26	7	18	15	8	-	282
65 years and over	27	8	7	6	-	-	6	-	-	-	239
Female householder, no husband present	1 448	263	262	270	199	159	173	75	37	10	287
15 to 24 years	34	6	-	-	7	12	4	5	-	-	367
25 to 34 years	394	33	100	67	46	58	56	12	12	10	298
35 to 44 years	322	46	42	54	59	40	48	20	13	-	316
45 to 64 years	531	108	107	108	63	38	65	30	12	-	273
65 years and over	167	70	13	41	24	11	-	8	-	-	251
Median age	39.5	51.5	44.6	43.9	38.0	36.1	36.3	37.5	38.0	43.2	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980	2 120	52	66	160	258	275	521	418	250	120	438
1975 to 1978	5 492	189	400	582	740	812	1 405	790	427	147	401
1970 to 1974	2 858	266	399	561	433	387	442	156	90	124	323
1960 to 1969	2 917	431	640	639	505	260	256	111	62	13	280
1959 or earlier	856	147	193	148	118	75	92	50	29	4	280
ROOMS											
1 to 3 rooms	132	38	43	17	12	5	11	6	-	-	233
4 rooms	1 339	256	278	330	184	135	105	32	7	12	271
5 rooms	3 478	422	532	598	673	420	567	180	73	13	314
6 rooms	3 244	215	476	523	435	489	568	348	116	74	347
7 rooms	2 878	103	217	309	425	361	688	455	249	71	403
8 or more rooms	3 172	51	152	313	325	399	777	504	413	238	444
Median	6.2	5.1	5.5	5.7	5.9	6.2	6.7	6.9	7.4	7.9	...
YEAR STRUCTURE BUILT											
1975 to March 1980	1 917	25	26	71	87	173	466	508	405	156	522
1970 to 1974	1 210	9	42	108	108	147	351	260	134	51	453
1960 to 1969	2 135	72	188	275	342	320	513	229	120	76	380
1950 to 1959	2 165	167	336	372	303	284	411	146	72	74	334
1940 to 1949	1 457	150	161	270	247	270	247	65	40	7	330
1939 or earlier	5 359	662	945	994	967	615	728	317	87	44	304
VALUE											
Less than \$10,000	86	43	35	6	2	-	-	-	-	-	200
\$10,000 to \$19,999	976	351	277	165	102	56	23	2	-	-	225
\$20,000 to \$29,999	2 585	355	521	654	545	242	210	45	13	-	282
\$30,000 to \$39,999	3 419	254	472	715	720	597	514	101	27	19	319
\$40,000 to \$49,999	2 777	32	289	373	426	419	856	323	57	2	382
\$50,000 to \$59,999	1 888	32	61	117	163	278	497	508	219	13	446
\$60,000 to \$79,999	1 761	18	11	34	88	202	506	409	364	129	505
\$80,000 to \$99,999	420	-	17	10	2	14	81	105	102	89	582
\$100,000 to \$149,999	252	-	15	16	6	1	22	21	62	109	709
\$150,000 or more	79	-	-	-	-	-	7	11	14	47	750+
Median	\$40 200	\$23 800	\$30 300	\$33 300	\$35 200	\$40 200	\$46 700	\$56 000	\$65 600	\$85 800	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent	4 083	593	874	825	722	350	433	140	72	74	285
15 to 19 percent	3 015	166	323	523	541	481	546	254	137	44	346
20 to 24 percent	2 560	98	213	268	331	360	749	337	140	64	401
25 to 29 percent	1 688	65	75	116	182	297	447	320	154	32	420
30 to 34 percent	880	50	49	68	62	105	196	178	108	64	451
35 percent or more	1 924	110	158	282	204	187	345	286	226	126	406
Not computed	93	3	6	8	12	29	-	10	21	4	380
Median	20.0	14.2	14.8	17.1	17.8	20.8	22.5	25.4	27.3	28.1	...
SELECTED CHARACTERISTICS											
Heating equipment	14 243	1 085	1 698	2 090	2 054	1 809	2 716	1 525	858	408	355
Steam or hot water system	494	20	46	58	46	70	145	59	23	27	405
Central warm-air furnace or electric heat pump	12 980	933	1 530	1 905	1 935	1 674	2 419	1 404	801	379	356
Other built-in electric units	194	10	23	20	20	18	57	25	21	-	407
Floor, wall, or pipeless furnace	185	59	45	26	16	8	25	6	-	-	237
Other means	390	63	54	81	37	39	70	31	13	2	298
Air conditioning	12 279	717	1 361	1 699	1 702	1 602	2 518	1 447	836	397	371
Central system	7 710	177	476	828	895	1 020	1 886	1 285	776	367	421
1 or more individual room units	4 569	540	885	871	807	582	632	162	60	30	299
House heating fuel	14 243	1 085	1 698	2 090	2 054	1 809	2 716	1 525	858	408	355
Utility gas	11 675	971	1 550	1 879	1 867	1 528	2 128	1 063	438	251	338
Bottled, tank, or LP gas	526	34	49	75	64	78	119	43	40	24	376
Electricity	1 639	22	36	76	75	135	404	403	362	126	518
Fuel oil, kerosene, etc.	297	47	52	41	46	50	30	11	13	7	309
Other	106	11	11	19	2	18	35	5	5	-	378

Table A—6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

Specified owner-occupied housing units -----

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
1 person -----	10 086	34	455	1 263	2 233	2 391	2 425	765	520	136
2 persons -----	2 886	11	275	564	821	592	367	149	107	118
3 persons -----	4 795	23	123	573	1 038	1 243	1 222	366	207	138
4 persons -----	1 230	—	36	58	211	290	414	140	81	152
5 persons -----	662	—	15	43	93	135	246	58	72	159
6 persons -----	402	—	6	16	49	102	149	37	43	159
7 persons -----	29	—	—	—	6	4	4	15	—	202
8 or more persons -----	55	—	—	—	15	11	21	—	8	154
Median -----	27	—	—	9	—	14	2	—	2	133
	1.95	1.76	1.33	1.62	1.78	1.99	2.19	2.14	2.24	...
PERSONS IN UNIT										
15 to 24 years -----	6 086	8	166	578	1 116	1 540	1 760	520	398	144
25 to 34 years -----	37	—	—	9	19	9	—	—	—	113
35 to 44 years -----	202	—	4	14	52	47	74	11	—	141
45 to 64 years -----	390	—	15	44	34	64	142	58	33	163
65 years and over -----	2 828	2	37	170	430	786	874	274	255	150
Male householder, no wife present -----	2 629	6	110	341	581	634	670	177	110	136
15 to 24 years -----	803	19	51	133	210	148	143	68	31	124
25 to 34 years -----	47	—	—	5	14	10	5	13	—	136
35 to 44 years -----	57	6	—	5	23	4	8	11	—	119
45 to 64 years -----	35	—	—	5	9	13	8	—	—	132
65 years and over -----	234	—	12	30	76	35	55	16	10	125
Female householder, no husband present -----	430	13	39	88	88	86	67	28	21	121
15 to 24 years -----	3 197	7	238	552	907	703	522	177	91	122
25 to 34 years -----	2	—	—	—	2	—	—	—	—	113
35 to 44 years -----	63	—	—	18	10	5	20	10	—	142
45 to 64 years -----	80	—	—	16	12	22	24	2	4	139
65 years and over -----	811	—	39	92	182	197	222	56	23	137
Median age -----	2 241	7	199	426	701	479	256	109	64	117
	65.9	77.3	72.7	70.9	68.4	65.1	61.8	62.7	61.0	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	357	—	11	35	85	88	72	53	13	138
1975 to 1978 -----	772	8	40	94	131	138	216	60	85	145
1970 to 1974 -----	1 104	5	49	127	257	202	299	62	103	139
1960 to 1969 -----	2 260	13	88	243	377	449	680	255	155	148
1959 or earlier -----	5 593	8	267	764	1 383	1 514	1 158	335	164	131
ROOMS										
1 to 3 rooms -----	320	10	.86	112	102	8	2	—	—	89
4 rooms -----	1 913	16	127	379	546	443	348	38	16	120
5 rooms -----	3 463	6	149	434	821	861	830	250	112	134
6 rooms -----	2 312	2	79	207	519	604	631	169	101	139
7 rooms -----	1 019	—	11	77	146	274	347	102	62	150
8 or more rooms -----	1 059	—	3	54	99	201	267	206	229	182
Median -----	5.3	3.9	4.6	4.8	5.1	5.4	5.6	6.1	7.0	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	303	—	5	9	24	69	82	58	56	177
1970 to 1974 -----	223	—	—	16	21	45	67	31	43	172
1960 to 1969 -----	894	6	22	43	93	122	347	117	144	173
1950 to 1959 -----	1 592	5	58	97	221	392	523	158	138	152
1940 to 1949 -----	861	6	41	106	220	177	231	56	24	133
1939 or earlier -----	6 213	17	329	992	1 654	1 586	1 175	345	115	127
VALUE										
Less than \$10,000 -----	537	23	129	127	160	49	32	12	5	98
\$10,000 to \$19,999 -----	1 803	9	166	467	576	297	219	48	21	111
\$20,000 to \$29,999 -----	2 831	—	121	506	811	686	587	113	7	124
\$30,000 to \$39,999 -----	2 221	2	27	116	486	843	627	89	31	139
\$40,000 to \$49,999 -----	1 377	—	3	27	156	392	610	163	26	159
\$50,000 to \$59,999 -----	654	—	3	20	44	83	216	212	76	191
\$60,000 to \$79,999 -----	397	—	6	—	—	26	112	92	161	230
\$80,000 to \$99,999 -----	106	—	—	—	—	8	11	22	65	250+
\$100,000 to \$149,999 -----	124	—	—	—	—	7	11	14	92	250+
\$150,000 or more -----	36	—	—	—	—	—	—	—	36	250+
Median -----	\$29 500	\$10000—	\$16 200	\$20 500	\$24 400	\$31 800	\$36 500	\$46 900	\$70 200	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	3 566	17	137	424	786	848	877	241	236	137
10 to 14 percent -----	2 068	12	127	245	398	409	603	199	75	140
15 to 19 percent -----	1 324	—	62	206	327	342	270	69	48	130
20 to 24 percent -----	810	—	50	103	206	215	163	58	15	130
25 to 29 percent -----	555	5	26	77	139	134	105	51	18	131
30 to 34 percent -----	412	—	21	67	124	87	66	35	12	124
35 percent or more -----	1 264	—	29	130	236	340	315	98	116	142
Not computed -----	87	—	3	11	17	16	26	14	—	145
Median -----	13.5	10.0	13.5	14.1	14.0	14.2	12.7	13.4	11.6	...
SELECTED CHARACTERISTICS										
Heating equipment -----	10 086	34	455	1 263	2 233	2 391	2 425	765	520	136
Steam or hot water system -----	408	—	—	33	65	93	87	93	37	157
Central warm-air furnace or electric heat pump -----	8 660	8	326	1 030	1 906	2 150	2 153	645	442	137
Other built-in electric units -----	105	—	17	4	13	10	46	—	13	157
Floor, wall, or pipeless furnace -----	290	7	40	46	82	33	74	8	—	116
Other means -----	623	17	72	150	167	105	65	19	28	111
Air conditioning -----	8 105	15	277	937	1 680	1 959	2 037	691	509	140
Central system -----	3 889	—	41	187	523	907	1 297	493	441	161
1 or more individual room units -----	4 216	15	236	750	1 157	1 052	740	198	68	124
House heating fuel -----	10 086	34	455	1 263	2 233	2 391	2 425	765	520	136
Utility gas -----	8 643	22	397	1 099	1 920	2 070	2 072	636	427	136
Bottled, tank, or LP gas -----	524	4	10	86	109	112	99	78	26	137
Electricity -----	249	2	17	6	18	47	102	5	52	167
Fuel oil, kerosene, etc. -----	607	6	19	67	172	141	152	37	13	132
Other -----	63	—	12	5	14	21	—	9	2	126

Table A-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

The SMSA

Occupied housing units	Owner-occupied housing units						Renter-occupied housing units					
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier
		30 058	3 030	2 548	3 788	6 742	13 950	12 290	1 284	1 174	1 215	2 962	5 655
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 190	2 628	2 000	3 032	5 109	9 421	4 426	396	424	545	1 143	1 918
15 to 24 years	921	194	140	63	233	291	942	62	110	131	319	320
25 to 34 years	4 901	986	571	542	1 174	1 628	1 402	122	148	155	413	564
35 to 44 years	4 175	625	584	662	855	1 449	621	76	36	48	140	321
45 to 64 years	8 428	709	600	1 416	1 935	3 768	926	63	60	124	201	478
65 years and over	3 765	114	105	349	912	2 285	535	73	70	87	70	235
Male householder, no wife present	2 047	181	201	273	439	953	2 786	233	226	201	743	1 383
15 to 24 years	222	39	35	40	53	55	748	53	78	70	256	291
25 to 34 years	426	40	62	77	122	125	890	109	69	64	246	402
35 to 44 years	212	23	52	21	33	83	317	24	23	28	106	136
45 to 64 years	588	63	40	64	120	301	449	8	28	23	53	337
65 years and over	599	16	12	71	111	389	382	39	28	16	82	217
Female householder, no husband present	5 821	221	347	483	1 194	3 576	5 078	655	524	469	1 076	2 354
15 to 24 years	85	4	37	22	16	6	1 183	90	127	120	356	490
25 to 34 years	610	72	96	37	149	256	1 143	192	143	112	250	446
35 to 44 years	495	54	29	42	161	209	433	33	53	30	94	223
45 to 64 years	1 659	66	142	194	378	879	804	77	61	47	186	433
65 years and over	2 972	25	43	188	490	2 226	1 515	263	140	160	190	762
Median age	51.3	37.1	39.1	50.0	51.0	57.3	34.3	36.1	29.8	33.2	29.8	39.1
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 274	1 017	374	393	559	931	5 690	752	622	558	1 546	2 212
1975 to 1978	7 805	2 013	1 032	941	1 612	2 207	3 707	532	350	314	950	1 561
1970 to 1974	4 993	—	1 142	707	1 134	2 010	1 296	—	202	187	297	610
1960 to 1969	6 135	—	—	1 747	1 365	3 023	878	—	—	156	63	659
1959 or earlier	7 851	—	—	—	2 072	5 779	719	—	—	—	106	613
ROOMS												
1 room	50	13	—	5	14	18	251	18	—	5	31	197
2 rooms	52	—	6	17	17	12	976	54	46	56	174	646
3 rooms	658	20	47	78	157	356	2 671	321	263	239	653	1 195
4 rooms	4 516	304	518	449	1 299	1 946	3 372	519	490	425	821	1 117
5 rooms	8 508	714	715	1 168	2 167	3 744	2 630	239	256	281	658	1 196
6 rooms	6 631	746	343	788	1 472	3 282	1 420	84	80	144	414	698
7 or more rooms	9 643	1 233	919	1 283	1 616	4 592	970	49	39	65	211	606
Median	5.7	6.1	5.5	5.7	5.4	5.8	4.2	4.0	4.1	4.2	4.3	4.2
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	29 879	3 030	2 535	3 782	6 723	13 809	12 016	1 284	1 158	1 206	2 920	5 448
0.50 or less	19 240	1 577	1 446	2 383	4 199	9 635	7 825	949	780	783	1 701	3 612
0.51 to 1.00	10 015	1 398	1 008	1 305	2 378	3 926	3 733	304	360	366	1 081	1 622
1.01 to 1.50	528	33	70	80	140	205	354	24	18	46	104	162
1.51 or more	96	22	11	14	6	43	104	7	—	11	34	52
Locking complete plumbing for exclusive use	179	—	13	6	19	141	274	—	16	9	42	207
0.50 or less	143	—	2	6	17	118	140	—	14	9	19	98
0.51 to 1.00	25	—	—	—	2	23	111	—	2	—	17	92
1.01 to 1.50	11	—	11	—	—	—	23	—	—	—	6	17
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
PERSONS IN UNIT												
1 person	5 012	161	298	506	1 064	2 983	4 976	595	429	406	1 006	2 540
2 persons	10 045	843	652	1 228	2 418	4 904	3 333	390	402	398	888	1 255
3 persons	5 197	554	527	684	1 268	2 164	1 780	151	207	190	457	775
4 persons	5 329	830	619	733	1 124	2 023	1 264	90	69	113	339	653
5 persons	2 813	499	255	439	567	1 053	532	48	45	78	138	223
6 or more persons	1 662	143	197	198	301	823	405	10	22	30	134	209
Median	2.50	3.42	3.11	2.73	2.45	2.31	1.85	1.62	1.89	2.01	2.03	1.73
Total persons	87 430	10 395	8 424	11 580	18 956	38 075	27 074	2 469	2 553	2 851	6 841	12 360
UNITS IN STRUCTURE												
1, detached or attached	27 529	2 545	1 632	3 350	6 553	13 449	4 819	142	181	405	1 531	2 560
2	372	15	18	51	54	234	1 424	92	46	90	418	778
3 and 4	203	20	17	20	23	123	1 459	174	136	109	343	697
5 to 9	121	4	2	11	18	86	1 580	246	107	129	404	694
10 to 49	82	7	4	4	30	37	2 113	349	477	305	241	741
50 or more	6	—	—	—	6	517	199	80	56	—	182	3
Mobile home or trailer, etc.	1 745	439	875	352	64	15	378	82	147	121	25	3
SELECTED CHARACTERISTICS												
Heating equipment	30 052	3 030	2 548	3 788	6 742	13 944	12 290	1 284	1 174	1 215	2 962	5 655
Steam or hot water system	1 122	48	35	75	131	833	2 226	74	187	190	359	1 416
Central warm-air furnace or electric heat pump	26 272	2 688	2 361	3 471	6 129	11 623	7 832	768	759	907	2 113	3 285
Other built-in electric units	481	183	53	84	77	84	752	408	170	30	77	67
Floor, wall, or pipeless furnace	708	20	30	78	143	437	468	8	35	44	140	241
Other means	1 469	91	69	80	262	967	1 012	26	23	44	273	646
Air conditioning	24 780	2 747	2 304	3 517	5 922	10 290	7 384	1 157	965	908	1 591	2 763
Control system	13 873	2 497	1 836	2 746	3 342	3 452	2 566	857	514	438	424	333
1 or more individual room units	10 907	250	468	771	2 580	6 838	4 818	300	451	470	1 167	2 430
House heating fuel	30 052	3 030	2 548	3 788	6 742	13 944	12 290	1 284	1 174	1 215	2 962	5 655
Utility gas	23 532	948	1 948	3 324	6 039	11 273	9 166	413	767	999	2 536	4 451
Bottled, tank, or LP gas	2 331	280	328	271	298	1 154	790	40	64	110	150	426
Electricity	2 317	1 717	229	109	134	128	1 454	811	321	82	129	111
Fuel oil, kerosene, etc.	1 553	14	12	63	244	1 220	699	13	6	8	116	556
Other	319	71	31	21	27	169	181	7	16	16	31	111
Incomes in 1979 below poverty level	2 540	213	204	447	1 436	2 587	220	208	172	615	1 372	24.3
Percent below poverty level	8.5	7.0	8.0	6.3	6.6	10.3	21.0	17.1	17.7	14.2	20.8	
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	3 075	185	205	261	544	1 880	2 672	250	224	193	539	1 466
\$5,000 to \$9,999	4 241	146	241	298	850	2 706	3 136	264	299	219	841	1 513
\$10,000 to \$12,499	1 955	106	120	236	415	1 078	1 387	116	142	115	319	695
\$12,500 to \$14,999	1 985	172	147	192	429	1 045	1 069	129	127	131	196	486
\$15,000 to \$19,999	5 070	538	408	589	1 201	2 334	1 768	212	146	227	515	668
\$20,000 to \$24,999	4 500	572	485	632	1 077	1 734	1 030	136	67	150	284	393
\$25,000 to \$34,999	5 439	713	537	892	1 262	2 035	850	97	106	141	209	297
\$35,000 to \$49,999	2 474	415	272	456	550	781	231	50	36	23	47	75
\$50,000 or more	1 319	183	133	232	414	357	147	30	27	16	12	62
Median	\$18 721	\$23 159	\$21 518	\$22 664	\$19 737	\$15 541	\$10 607	\$12 733	\$11 127	\$14 036	\$10	

Table A-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

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	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units												
Condominium housing units	30 058	27 529	784	1 745	12 290	4 819	1 424	1 459	1 580	2 113	517	378
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	22 190	20 754	441	995	4 426	2 486	486	424	271	490	98	171
15 to 24 years	921	661	36	224	942	463	145	74	110	109	6	35
25 to 34 years	4 901	4 511	92	298	1 402	867	139	151	68	92	21	64
35 to 44 years	4 175	3 990	68	117	621	408	61	42	32	53	—	25
45 to 64 years	8 428	8 076	121	231	926	563	104	98	19	111	—	31
65 years and over	3 765	3 516	124	125	535	185	37	59	42	125	71	16
Male householder, no wife present	2 047	1 617	124	306	2 786	920	322	369	479	440	153	103
15 to 24 years	222	137	9	76	748	279	90	149	87	69	23	51
25 to 34 years	426	321	22	83	890	294	100	112	206	100	54	24
35 to 44 years	212	155	18	39	317	96	56	22	51	54	19	19
45 to 64 years	588	480	46	62	449	113	52	36	77	135	29	7
65 years and over	599	524	29	46	382	138	24	50	58	82	28	2
Female householder, no husband present	5 821	5 158	219	444	5 078	1 413	616	666	830	1 183	266	104
15 to 24 years	85	36	—	49	1 183	360	146	197	204	236	23	17
25 to 34 years	610	475	19	116	1 143	304	206	162	145	241	26	59
35 to 44 years	495	438	5	52	433	190	78	44	36	61	13	11
45 to 64 years	1 659	1 465	61	133	804	250	79	88	136	187	50	14
65 years and over	2 972	2 744	134	94	1 515	309	107	175	309	458	154	3
Median age	51.3	51.7	57.0	36.0	34.3	33.6	31.6	29.6	34.1	50.9	63.8	29.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	3 274	2 686	115	473	5 690	2 119	742	763	723	911	195	237
1975 to 1978	7 805	6 895	188	722	3 707	1 389	395	439	504	652	227	101
1970 to 1974	4 993	4 471	116	406	1 296	525	186	102	141	264	55	23
1960 to 1969	6 135	5 867	133	135	878	364	64	98	126	189	20	17
1959 or earlier	7 851	7 610	232	9	719	422	37	57	86	97	20	—
ROOMS												
1 room	50	27	7	16	251	18	14	31	67	103	18	—
2 rooms	52	32	18	2	976	127	39	159	189	387	63	12
3 rooms	658	470	62	126	2 671	362	197	556	602	648	258	48
4 rooms	4 516	3 551	168	797	3 372	1 047	469	431	519	669	85	152
5 rooms	8 508	7 729	217	562	2 630	1 418	434	194	167	246	67	104
6 rooms	6 631	6 290	145	196	1 420	982	208	75	22	51	23	59
7 or more rooms	9 643	9 430	167	46	970	865	63	13	14	9	3	3
Median	5.7	5.8	5.1	4.4	4.2	5.1	4.5	3.5	3.4	3.2	4.3	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	29 879	27 396	759	1 724	12 016	4 771	1 408	1 421	1 497	2 033	510	376
0.50 or less	19 240	17 792	555	893	7 825	2 728	856	915	1 129	1 546	435	216
0.51 to 1.00	10 015	9 088	183	744	3 733	1 797	473	468	333	448	75	139
1.01 to 1.50	528	448	15	65	354	195	73	32	18	15	—	21
1.51 or more	96	68	6	22	104	51	6	6	17	24	—	—
Locking complete plumbing for exclusive use	179	133	25	21	274	48	16	38	83	80	7	2
0.50 or less	143	108	25	10	140	40	14	11	43	23	7	2
0.51 to 1.00	25	25	—	—	111	2	2	22	34	51	—	—
1.01 to 1.50	11	—	—	11	23	6	—	5	6	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	69	46	7	16	672	47	14	100	177	278	56	—
1	1 238	952	154	132	4 041	721	365	793	804	1 034	286	38
2	9 972	8 595	341	1 036	4 782	1 957	739	473	530	706	133	244
3	12 853	12 132	187	534	2 103	1 463	255	91	69	90	39	96
4	4 813	4 725	61	27	569	508	51	2	—	5	3	—
5 or more	1 113	1 079	34	—	123	123	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	3 075	2 669	101	305	2 672	836	247	384	448	542	147	68
\$5,000 to \$9,999	4 241	3 793	143	305	3 136	1 016	346	403	460	665	133	113
\$10,000 to \$12,499	1 955	1 760	47	148	1 387	583	137	125	180	240	62	60
\$12,500 to \$14,999	1 985	1 750	87	148	1 069	410	140	151	100	181	59	28
\$15,000 to \$19,999	5 070	4 569	105	396	1 768	827	219	188	178	263	40	53
\$20,000 to \$24,999	4 500	4 105	129	266	1 030	514	148	122	87	107	19	33
\$25,000 to \$34,999	5 439	5 226	71	142	850	455	164	57	56	70	27	21
\$35,000 to \$49,999	2 474	2 381	65	28	231	112	23	6	36	29	23	2
\$50,000 or more	1 319	1 276	7	147	66	—	—	23	35	16	7	—
Median	\$18 721	\$19 150	\$15 745	\$14 434	\$10 607	\$12 391	\$12 172	\$9 118	\$8 568	\$8 813	\$8 986	\$10 333
Mean	\$21 104	\$21 557	\$19 904	\$14 497	\$12 851	\$14 377	\$13 566	\$11 725	\$11 508	\$11 202	\$11 778	\$11 356
SELECTED CHARACTERISTICS												
Heating equipment	30 052	27 523	784	1 745	12 290	4 819	1 424	1 459	1 580	2 113	517	378
Steam or hot water system	1 122	1 019	89	14	2 226	129	132	310	465	977	213	—
Central warm-air furnace or electric heat pump	26 272	24 184	569	1 519	7 832	3 645	1 110	865	922	775	157	358
Other built-in electric units	481	413	30	38	752	117	30	121	114	229	139	2
Floor, wall, or pipeless furnace	708	592	27	89	468	264	51	57	33	57	—	6
Other means	1 469	1 315	69	85	1 012	664	101	106	46	75	8	12
Air conditioning	24 780	22 751	599	1 430	7 384	2 871	757	765	907	1 436	400	248
Control system	13 873	12 903	254	716	2 566	782	206	296	450	486	249	97
Vehicles available	28 084	25 790	687	1 607	9 712	4 249	1 167	1 093	1 122	1 416	314	351
1	9 348	8 259	328	761	5 854	2 019	682	758	850	1 075	257	213
2 or more	18 736	17 531	359	846	3 858	2 230	485	335	272	341	57	138
House heating fuel	30 052	27 523	784	1 745	12 290	4 819	1 424	1 459	1 580	2 113	517	378
Utility gas	22 879	21 024	662	1 193	8 919	3 302	1 235	1 095	1 156	1 575	323	233
Bottled, tank, or LP gas	1 953	1 687	38	228	706	501	19	18	52	48	—	68
Electricity	2 317	2 155	60	102	1 454	210	95	231	284	424	195	15
Fuel oil, kerosene, etc.	1 553	1 479	39	35	699	512	32	53	44	42	6	10
Other	319	299	11	9	181	70	21	21	38	46	6	—
Water heating fuel	29 994	27 475	784	1 735	12 259	4 812	1 424	1 459	1 572	2 099	517	376
Utility gas	22 879	21 024	662	1 193	8 919	3 302	1 235	1 095	1 156	1 575	323	233
Bottled, tank, or LP gas	1 953	1 687	38	228	706	501	19	18	52	48	—	68
Electricity	5 111	4 713	84	314	2 553	995	156	330	358	451	188	75
Fuel oil, kerosene, etc.	43	43	—	—	56	2	14	14	—	20	6	—
Other	8	8	—	—	25	12	—	2	6	5	—	—
Family householder	24 679	22 893	550	1 236	6 421	3 394	803	623	440	790	136	235
With own children under 18 years	12 521	11 552	197	772	3 981	2 307	547	340	237	375	17	158
With own children under 6 years	5 518	4 873	112	533	2 614	1 481	352	279	157	222	7	116
Female householder, no husband present	1 972	1 691	79	202	1 715	750	279	176	149	279	25	57
With own children under 18 years	1 015	844	7	164	1 425	659	225	151	117	204	12	57
With own children under 6 years	324	236	—	88	899	405	131	116	81	115	7	44
Nonfamily householder	5 379	4 636	234	509	5 869	1 425	621	836	1 140	1 323	381	143
Income in 1979 below poverty level	2 540	2 178	76	286	2 587	1 011	287	294	364	432	119	80
Percent below poverty level	8.5	7.9	9.7	16.4								

Table A-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

(Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8)

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Owner-occupied housing units

Nonrelatives present

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
ROOMS											
1 to 3 rooms	30 058	5 012	10 045	5 197	5 329	2 813	910	520	232	2.50	87 430
4 rooms	759	—	297	135	114	117	41	28	27	3.11	2 701
5 rooms	760	382	237	67	45	15	3	11	—	1.49	1 448
6 rooms	4 516	1 411	1 827	769	388	91	18	12	—	1.96	9 637
7 rooms	8 508	1 611	3 466	1 418	1 227	562	114	79	31	2.26	21 848
8 or more rooms	6 631	893	2 261	1 176	1 321	693	150	99	38	2.64	19 623
Median	4 526	361	1 207	842	1 072	579	253	161	51	3.33	15 506
5.7	5 117	354	1 047	925	1 276	873	372	158	112	3.68	19 368
5.4	5.7	4.9	5.4	5.8	6.3	6.6	7.2	6.9	7.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	29 879	4 930	9 985	5 193	5 315	2 809	910	516	221	2.50	87 068
1.00 or less	29 255	4 930	9 975	5 187	5 270	2 703	775	315	100	2.47	83 116
1.01 to 1.50	528	—	—	6	41	91	132	178	80	6.45	3 285
1.51 or more	96	—	10	—	4	15	3	23	41	7.20	667
Locking complete plumbing for exclusive use	179	82	60	4	14	4	—	4	11	1.63	362
1.00 or less	168	82	60	4	14	4	—	4	—	1.53	330
1.01 to 1.50	11	—	—	—	—	—	—	—	11	8.00	32
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	27 529	4 343	9 262	4 734	4 989	2 671	840	479	211	2.53	80 600
2 or more	784	210	321	89	61	63	32	6	2	2.07	2 172
Mobile home or trailer, etc.	1 745	459	462	374	279	79	38	35	19	2.40	4 658
VALUE											
Specified owner-occupied housing units	24 329	3 871	8 130	4 211	4 473	2 318	730	422	174	2.54	71 026
Less than \$10,000	623	289	185	72	46	22	5	—	4	1.62	1 301
\$10,000 to \$19,999	2 779	771	1 118	323	257	190	67	44	9	2.05	6 175
\$20,000 to \$29,999	5 416	1 191	1 845	938	756	410	141	94	41	2.32	14 361
\$30,000 to \$39,999	5 640	875	1 907	1 073	1 005	440	164	142	34	2.54	16 520
\$40,000 to \$49,999	4 154	367	1 466	790	943	376	96	65	51	2.81	12 952
\$50,000 to \$59,999	2 542	217	667	503	633	369	104	32	17	3.27	8 525
\$60,000 to \$79,999	2 158	118	665	339	560	343	90	40	3	3.37	7 445
\$80,000 to \$99,999	526	12	131	75	169	91	32	5	11	3.77	2 016
\$100,000 to \$149,999	376	14	110	80	104	53	15	—	—	3.30	1 323
\$150,000 or more	115	17	36	18	—	24	16	—	4	2.75	408
Median	\$35 900	\$27 600	\$34 500	\$37 200	\$41 600	\$42 400	\$39 400	\$35 200	\$39 800	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	30 058	5 012	10 045	5 197	5 329	2 813	910	520	232	2.50	87 430
Median income	\$18 721	\$6 628	\$17 033	\$21 519	\$23 473	\$23 581	\$23 032	\$25 449	\$23 667	...	...
Median selected monthly owner costs as percentage of household income	17.7	26.8	14.8	16.7	18.2	18.2	19.9	16.6	14.4	...	...
With a mortgage	20.0	32.5	18.6	19.5	19.9	20.4	20.4	17.2	14.6	...	...
Not mortgaged	13.5	25.0	12.5	10—	10—	10—	10.8	10—	11.9	...	...
Income in 1979 below poverty level	2 540	1 051	590	247	244	221	107	44	36	1.87	...
Median income	\$3 142	\$2 687	\$2 876	\$3 267	\$4 016	\$5 773	\$5 893	\$9 333	\$6 912	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	32.5	22.5	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	37.8	29.1	...	...
Not mortgaged	47.8	48.6	48.4	45.0	44.7	50+	27.5	19.2	16.9	...	...
Renter-occupied housing units	12 290	4 976	3 333	1 780	1 264	532	221	115	69	1.85	27 074
Nonrelatives present	1 277	—	709	264	229	35	28	8	4	2.40	3 466
ROOMS											
1 room	251	241	10	—	—	—	—	—	—	1.02	218
2 rooms	976	788	128	22	31	7	7	—	—	1.12	1 216
3 rooms	2 671	1 810	672	102	64	7	16	—	—	1.24	3 743
4 rooms	3 372	1 275	1 213	561	181	95	47	—	—	1.84	6 750
5 rooms	2 630	557	829	542	449	151	50	19	33	2.41	6 998
6 rooms	1 420	203	315	354	284	168	44	44	8	3.04	4 522
7 or more rooms	970	102	166	199	255	111	57	52	28	3.57	3 627
Median	4.2	3.3	4.2	4.9	5.3	5.6	5.3	6.4	5.7	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	12 016	4 775	3 305	1 753	1 252	532	221	109	69	1.87	26 687
1.00 or less	11 558	4 775	3 295	1 742	1 163	430	101	52	—	1.80	24 218
1.01 to 1.50	354	—	—	11	58	95	97	57	36	5.63	2 024
1.51 or more	104	—	10	—	31	7	23	—	33	5.67	445
Locking complete plumbing for exclusive use	274	201	28	27	12	—	—	6	—	1.18	387
1.00 or less	251	201	28	16	6	—	—	—	—	1.12	293
1.01 to 1.50	23	—	—	11	6	—	—	6	—	3.58	94
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	4 819	1 100	1 259	967	861	350	152	89	41	2.55	13 571
2	1 424	473	403	278	146	47	41	22	22	2.09	3 387
3 and 4	1 459	689	463	200	69	22	10	—	6	1.59	2 725
5 to 9	1 580	1 020	356	112	65	20	—	7	—	1.27	2 299
10 to 49	2 113	1 233	583	156	81	43	12	5	—	1.36	3 320
50 or more	517	348	151	18	—	—	—	—	—	1.24	719
Mobile home or trailer, etc.	378	113	118	49	42	50	6	—	—	2.14	1 053
GROSS RENT											
Specified renter-occupied housing units	11 344	4 822	3 094	1 580	1 033	445	202	99	69	1.77	24 265
Less than \$100	684	593	54	22	7	—	8	—	—	1.08	759
\$100 to \$149	1 340	930	308	61	26	—	15	—	—	1.22	1 740
\$150 to \$199	2 409	1 383	570	259	119	39	24	7	8	1.37	4 252
\$200 to \$249	2 285	803	675	401	225	136	41	—	4	2.00	5 252
\$250 to \$299	1 891	536	651	343	228	64	31	27	11	2.13	4 492
\$300 to \$349	1 253	235	402	249	208	75	39	19	26	2.47	3 321
\$350 to \$399	593	70	171	131	79	93	17	22	10	2.92	1 923
\$400 to \$499	331	43	123	55	58	18	16	8	10	2.50	1 165
\$500 or more	122	34	28	19	21	2	8	10	—	2.46	368
Na cash rent	436	195	112	40	62	18	3	6	—	1.71	993
Median	\$224	\$177	\$242	\$254	\$275	\$286	\$276	\$333	\$322	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	12 290	4 976	3 333	1 780	1 264	532	221	115	69	1.85	27 074
Median income	\$10 607	\$6 947	\$14 116	\$13 471	\$14 906	\$13 375	\$15 286	\$14 519	\$15 179	...	...
Median gross rent as percentage of household income	24.8	28.2	21.1	24.1	23.8	27.5	18.9	31.3	29.6	...	...
Income in 1979 below poverty level	2 587	1 141	471	414	308	154	57	14	28	1.82	...
Median income	\$3 448	\$2 677	\$3 321	\$4 383	\$5 456	\$5 873	\$8 550	\$2500—	\$3 750	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	21.7	50+	50+	...	...

Table A—10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see introduction. For meaning of symbols, see introduction. For definitions of terms, see appendixes A and B.]

The SMSA		Married-couple families										Male householder, no wife present											
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		
Total	30 058	921	4 901	4 175	8 428	3 765	212	426	212	588	599	85	610	495	1 659	2 972	51,3	51,3	51,3	51,3	51,3		
Owner-occupied housing units																							
PERSONS IN UNIT																							
1 person	5 012	322	824	218	3 864	3 223	115	290	97	351	451	38	139	95	999	2 437	68,0	68,0	68,0	68,0	68,0		
2 persons	10 045	3,9	1 233	573	2 064	400	5	23	29	17	11	37	123	79	379	467	60,9	60,9	60,9	60,9	60,9		
3 persons	5 197	1 747	1 135	1 351	89	44	11	11	17	19	9	10	120	156	109	43	25	37,9	37,9	37,9	37,9	37,9	
4 persons	2 813	52	773	135	631	44	—	6	13	14	2	—	45	51	67	—	—	39,2	39,2	39,2	39,2	39,2	
5 persons	1 662	—	284	731	518	9	—	—	—	—	—	—	38	46	51	46	—	40,6	40,6	40,6	40,6	40,6	
6 or more persons	2 50	—	3,70	435	2,67	2,08	1,47	1,23	1,66	1,34	1,16	1,62	1,26	1,86	1,33	1,11	—	—	—	—	—	—	
Median	87 430	2 675	18 699	18 759	25 892	8 269	341	656	418	943	813	139	1,799	1 607	2 858	3 542	—	—	—	—	—	—	
Total persons																							
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	29 879	921	4 896	4 164	8 253	8 407	3 729	270	426	212	583	554	85	610	491	1 659	2 922	51,2	51,2	51,2	51,2	51,2	
1.01 or more persons per room	624	—	182	11	21	162	36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lacking complete plumbing for exclusive use	179	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1.01 or more persons per room	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified owner-occupied housing units	24 329	628	4 227	3 466	6 907	3 028	177	295	95	419	457	36	457	402	1 342	2 408	51,3	51,3	51,3	51,3	51,3		
With a mortgage	14 243	591	4 025	3 076	4 079	3 399	60	238	61	18	40	6	34	394	322	531	167	5	46,8	46,8	46,8	46,8	
Less than 15 percent	4 083	—	648	922	2 087	80	13	35	17	43	6	—	4	48	44	73	5	—	—	—	—	—	
15 to 19 percent	3 015	1 2	879	787	577	55	13	49	21	28	—	—	4	53	58	93	11	11	35,4	35,4	35,4	35,4	
20 to 24 percent	2 560	1 2	983	433	85	13	—	—	—	—	—	—	—	39	31	35	23	23	33,6	33,6	33,6	33,6	
25 to 29 percent	1 688	1 46	715	330	221	47	21	19	15	44	—	—	—	33	31	35	22	22	38,8	38,8	38,8	38,8	
30 to 34 percent	880	47	367	196	107	50	—	—	—	—	—	—	—	17	174	135	239	113	—	—	—	—	
35 percent or more	1 924	10	423	249	82	82	—	—	—	—	—	—	—	50	7	10	—	—	28,2	28,2	28,2	28,2	
Not computed	93	—	—	—	—	—	—	—	—	—	—	—	—	32,3	29,2	31,3	48,9	—	—	—	—	—	
Median	20,0	24,3	22,4	18,9	14,8	23,8	26,9	21,9	23,0	21,3	33,8	30	24	430	63	80	241	65,9	—	—	—	—	
Not mortgaged	10 086	37	202	390	2,629	47	57	35	35	34	74	17	17	161	161	161	217	217	—	—	—	—	
Less than 10 percent	3 566	8	113	287	1 774	692	12	18	18	18	18	—	—	49	49	49	199	199	—	—	—	—	
10 to 14 percent	2 068	7	47	59	582	692	12	6	6	6	6	—	—	36	2	14	70,6	70,6	—	—	—	—	
15 to 19 percent	1 324	2	17	810	5	59	290	2	—	—	—	—	—	14	72	—	—	94	266	72,1	72,1	72,1	
20 to 24 percent	810	—	5	555	2	3	131	7	—	—	—	—	—	13	57	2	2	61	214	72,1	72,1	72,1	
25 to 29 percent	555	—	2	412	4	14	126	157	—	—	—	—	—	10	27	22	10	26	232	72,1	72,1	72,1	
30 to 34 percent	35	—	—	124	14	14	126	157	—	—	—	—	—	10	5	5	19	19	672	72,1	72,1	72,1	
35 percent or more	87	—	—	10	—	10	—	14,2	10	—	10,1	11,9	23,1	17,5	26,3	14,1	15	15	34	65,7	—	—	—
Median	13,5	—	—	—	—	—	—	—	—	—	—	—	—	402	2,349	2,614	103	16,2	25,3	—	—	—	
Renter-occupied housing units	12 290	942	1 402	621	926	535	748	890	317	449	382	1 183	1 143	433	804	1 515	34,3	34,3	34,3	34,3	34,3		
PERSONS IN UNIT																							
1 person	4 976	—	364	79	493	401	61	247	123	68	193	376	347	461	461	102	550	1 403	52,3	52,3	52,3	52,3	
2 persons	3 333	35	375	127	184	35	35	39	15	45	28	35	403	306	209	216	140	84	31,9	31,9	31,9	31,9	
3 persons	1 780	3,3	355	146	155	—	—	46	38	—	—	—	74	98	69	69	36	5	28,4	28,4	28,4	28,4	
4 persons	1 264	1 76	221	129	57	8	—	—	3	—	—	—	28	39	17	17	15	—	30,3	30,3	30,3	30,3	
5 persons	532	—	87	140	55	7	1,43	1,15	1,32	1,10	—	—	8	1,82	1,82	2,41	1,23	8	38,7	38,7	38,7	38,7	
6 or more persons	1 85	2,83	3,40	4,22	2,50	2,04	1 132	1 197	557	512	402	2,349	2,614	1 103	1 232	1 232	1 664	1 664	—	—	—	—	—
Median	27 074	2 726	5 082	2 648	2 670	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Not computed	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
PLUMBING FACILITIES BY PERSONS PER ROOM																							
Complete plumbing for exclusive use	12 016	937	1 391	109	615	913	530	721	890	311	389	345	1 160	1 137	410	801	1 466	34,0	34,0	34,0	34,0	34,0	
1.01 or more persons per room	458	5	11	6	6	5	—	27	—	6	60	—	37	23	6	23	3	49	58,5	58,5	58,5	58,5	
Lacking complete plumbing for exclusive use	274	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1.01 or more persons per room	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																							
Specified renter-occupied housing units	11 344	837	1 194	499	720	476	676	849	309	420	354	1 178	1 124	429	769	1 488	34,0	34,0	34,0	34,0	34,0		
Less than 15 percent	1 925	1 19	320	104	149	79	102	188	102	118	75	39	133	123	118	70	128	5	34,2	34,2	34,2	34,2	
15 to 19 percent	1 860	1 56	310	104	149	79	102	124	47	38	77	38	101	186	216	90	133	5	31,0	31,0	31,0	31,0	
20 to 24 percent	1 629	1 58	177	129	92	96	129	122	38	19	47	47	136	163	59	118	197	5	32,4	32,4	32,4	32,4	
25 to 29 percent	1 129	1 57	119	19	45	35	94	46	20	18	29	134	117	117	117	75	31	5	35,3	35,3	35,3	35,3	
30 to 34 percent	1 547	80	56	17	48	30	40	46	17	42	25	25	117	117	117	117	92	110	5	37,4	37,4	37,4	37,4
35 to 49 percent	1 813	83	62	49	49	59	61	54	35	66	69	69	110	137	262	118	170	314	5	33,0	33,0	33,0	33,0
50 percent or more	620	13	53	32	85	26	11	36	22	35	51	51	51	51	53	14	25	37	107	51,7	51,7	51,7	51,7
Not computed	24,8	22,4	19,0	19,4	17,9	22,1	24,7	19,9	19,4	19,4	22,1	22,1	22,1	22,1	22,1	22,1	29,1	30,4	30,4	30,4	30,4	30,4	

Table A-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8.]

The SMSA

	Male householder						Female householder						
	Total						Total						
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	5 012	1 304	115	290	97	351	451	3 708	38	139	95	999	2 437
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 930	1 256	113	290	97	346	410	3 674	38	139	95	999	2 403
Lacking complete plumbing for exclusive use	82	48	2	—	5	41	34	—	—	—	—	—	34
UNITS IN STRUCTURE													
1, detached or attached	4 343	986	65	213	54	268	386	3 357	20	99	86	879	2 273
2 or more	210	89	4	13	18	35	19	121	—	19	—	25	77
Mobile home or trailer, etc.	459	229	46	64	25	48	46	230	18	21	9	95	87
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 890	326	26	43	13	53	191	1 564	9	10	17	275	1 253
\$5,000 to \$9,999	1 611	312	24	27	10	64	187	1 299	23	40	47	357	832
\$10,000 to \$12,499	394	123	20	21	7	59	16	271	—	36	8	110	117
\$12,500 to \$14,999	260	94	12	33	—	36	13	166	—	24	18	69	55
\$15,000 to \$19,999	437	207	14	84	40	49	20	230	6	16	5	106	97
\$20,000 to \$24,999	215	135	19	61	7	40	8	80	—	13	—	45	22
\$25,000 to \$34,999	127	60	—	15	—	35	10	67	—	—	—	26	41
\$35,000 to \$49,999	23	13	—	6	4	1	2	10	—	—	—	10	—
\$50,000 or more	55	34	—	—	16	14	4	21	—	—	—	1	20
Median	\$6 628	\$10 285	\$10 938	\$16 010	\$16 652	\$12 479	\$5 653	\$5 992	\$6 667	\$11 354	\$8 969	\$8 494	\$4 917
Mean	\$9 200	\$12 894	\$10 940	\$14 985	\$25 318	\$15 116	\$7 646	\$7 901	\$7 463	\$11 727	\$9 210	\$9 921	\$6 810
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	3 871	846	60	193	44	219	330	3 025	20	99	74	833	1 999
With a mortgage	985	365	52	169	37	88	19	620	20	94	42	314	150
Less than \$200	197	21	1	14	—	6	—	176	6	24	8	68	70
\$200 to \$249	170	59	8	16	5	23	7	111	—	23	6	69	13
\$250 to \$299	200	79	3	49	—	21	6	121	—	17	—	63	41
\$300 to \$349	98	33	6	10	5	12	—	65	7	6	12	22	18
\$350 to \$399	111	66	23	33	7	3	—	45	7	6	11	21	—
\$400 to \$449	112	53	11	26	10	—	6	59	—	6	—	53	—
\$500 to \$599	72	46	—	21	10	15	—	26	—	6	—	12	8
\$600 to \$749	25	8	—	—	—	8	—	17	—	6	5	6	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$281	\$336	\$367	\$327	\$415	\$286	\$271	\$260	\$329	\$250	\$329	\$266	\$219
Not mortgaged	2 886	481	8	24	7	131	311	2 405	—	5	32	519	1 849
Less than \$50	11	9	—	—	—	9	2	—	—	—	—	—	2
\$50 to \$74	275	47	—	—	—	12	35	228	—	—	—	31	197
\$75 to \$99	564	88	—	5	—	18	65	476	—	16	80	380	—
\$100 to \$124	821	131	6	13	7	52	53	690	—	12	134	544	—
\$125 to \$149	592	85	2	—	—	18	65	507	—	5	4	116	382
\$150 to \$195	367	70	—	2	—	25	43	297	—	—	—	100	197
\$200 to \$249	149	24	—	4	—	—	20	125	—	—	—	35	90
\$250 or more	107	27	—	—	—	6	21	80	—	—	—	23	57
Median	\$118	\$118	\$117	\$113	\$113	\$117	\$122	\$118	—	\$138	\$100	\$128	\$116
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.8	24.7	28.1	24.3	24.3	18.2	27.0	27.7	50+	29.3	27.0	24.3	29.1
With a mortgage	32.5	26.1	29.0	24.1	25.8	25.4	50+	39.8	50+	30.5	33.6	39.6	50+
Not mortgaged	25.0	23.1	10—	50+	10—	13.1	26.6	25.5	—	17.5	15.0	19.8	28.0
Income in 1979 below poverty level	1 051	189	10	43	13	39	84	862	9	6	10	195	642
Percent below poverty level	21.0	14.5	8.7	14.8	13.4	11.1	18.6	23.2	23.7	4.3	10.5	19.5	26.3
Renter-occupied housing units	4 976	1 999	401	682	193	376	347	2 977	461	461	102	550	1 403
PLUMBING FACILITIES													
Complete plumbing for exclusive use	4 775	1 886	385	682	193	316	310	2 889	445	461	81	548	1 354
Lacking complete plumbing for exclusive use	201	113	16	—	—	60	37	88	16	—	21	2	49
UNITS IN STRUCTURE													
1, detached or attached	1 100	554	140	179	35	81	119	546	70	34	30	129	283
2	473	202	51	54	36	37	24	271	74	75	5	33	84
3 and 4	689	263	86	92	11	24	50	426	75	94	11	76	170
5 to 9	1 020	399	48	189	38	77	47	621	106	87	26	99	303
10 to 49	1 233	395	40	96	54	128	77	838	122	129	13	161	413
50 or more	348	115	8	48	6	25	28	233	8	21	13	44	147
Mobile home or trailer, etc.	113	71	28	24	13	4	2	42	6	21	4	8	3
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 749	568	84	127	54	155	148	1 181	123	63	33	202	760
\$5,000 to \$9,999	1 608	576	146	139	48	97	146	1 032	229	151	31	210	411
\$10,000 to \$12,499	644	307	98	139	17	47	6	337	59	122	—	61	95
\$12,500 to \$14,999	347	163	24	111	—	22	6	184	36	80	10	14	44
\$15,000 to \$19,999	370	217	40	91	34	32	20	153	14	36	28	29	46
\$20,000 to \$24,999	110	78	7	51	8	3	9	32	—	7	—	—	25
\$25,000 to \$34,999	75	44	2	9	27	6	—	31	—	—	—	19	12
\$35,000 to \$49,999	29	17	—	6	5	6	—	12	—	2	—	10	—
\$50,000 or more	44	29	—	9	—	8	12	15	—	—	—	5	10
Median	\$6 947	\$8 537	\$9 122	\$11 349	\$7 471	\$6 213	\$5 828	\$6 240	\$7 258	\$10 338	\$6 800	\$6 484	\$4 761
Mean	\$8 704	\$10 191	\$8 889	\$11 459	\$12 263	\$9 083	\$9 249	\$7 706	\$7 264	\$10 028	\$8 458	\$8 584	\$6 689
GROSS RENT													
Specified renter-occupied housing units	4 822	1 887	370	643	193	353	328	2 935	461	459	98	541	1 376
Less than \$100	593	186	16	19	15	92	44	407	29	8	—	34	336
\$100 to \$149	930	397	39	86	58	121	93	533	90	58	25	143	217
\$150 to \$199	1 383	538	136	192	62	74	74	845	152	160	12	175	346
\$200 to \$249	803	317	96	131	25	17	48	486	111	108	18	89	160
\$250 to \$299	536	229	53	135	21	7	13	307	65	87	7	47	101
\$300 to \$349	235	108	14	60	—	16	18	127	10	28	23	19	47
\$350 to \$399	70	3	3	—	—	—	—	67	—	2	—	7	58
\$400 to \$449	43	19	—	3	—	—	16	24	—	7	—	1	16
\$500 or more	34	22	—	9	—	13	—	12	—	—	—	—	12
No cash rent	195	68	13	8	12	13	22	127	4	1	13	26	83
Median	\$177	\$175	\$197	\$208	\$158	\$138	\$159	\$178	\$191	\$202	\$208	\$177	\$163
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.2	24.1	26.6	21.3	19.5	24.7	31.1	30.2	31.9	25.4	27.9	30.1	34.1
Income in 1979 below poverty level	1 141	421	74	117	41	96	93	720	72	31	33	158	426
Percent below poverty level	22.9	21.1	18.5	17.2	21.2	25.5	26.8	24.2	15.6	6.7	32.4	28.7	30.4

Table A-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Total	Less than 2 months	2 up to 6 months	6 or more months	The SMSA	Total	Less than 2 months	2 up to 6 months	6 or more months					
Vacant for sale only housing units														
ROOMS														
1 to 3 rooms	576	173	170	233	Vacant for rent housing units	1 333	562	453	318					
4 rooms					ROOMS									
5 rooms	75	26	19	30	1 room	58	43	—	15					
6 rooms	117	62	36	19	2 rooms	180	85	29	66					
7 rooms	156	43	77	36	3 rooms	284	96	123	65					
8 or more rooms	26	10	4	12	4 rooms	455	217	153	85					
Median	47	25	10	12	5 rooms	254	85	117	52					
	5.0	5.4	5.6	2.8	6 rooms	47	13	22	12					
					7 or more rooms	55	23	9	23					
					Median	3.8	3.8	4.0	3.7					
PLUMBING FACILITIES														
Complete plumbing for exclusive use	574	173	168	233	PLUMBING FACILITIES									
Lacking complete plumbing for exclusive use	2	—	2	—	Complete plumbing for exclusive use	1 254	531	436	287					
BEDROOMS														
None	—	—	—	—	Lacking complete plumbing for exclusive use	79	31	17	31					
1	152	7	16	129	BEDROOMS									
2	176	78	68	30	None	149	100	5	44					
3	186	71	64	51	1	432	153	171	108					
4	56	17	22	17	2	543	227	209	107					
5 or more	6	—	—	6	3	174	66	60	48					
					4	35	16	8	11					
					5 or more	—	—	—	—					
YEAR STRUCTURE BUILT														
1975 to March 1980	92	29	30	33	YEAR STRUCTURE BUILT									
1970 to 1974	28	12	12	4	1975 to March 1980	118	65	33	20					
1960 to 1969	19	4	8	7	1970 to 1974	82	26	23	33					
1950 to 1959	80	44	32	4	1960 to 1969	133	57	68	8					
1940 to 1949	175	42	14	119	1950 to 1959	103	36	35	32					
1939 or earlier	182	42	74	66	1940 to 1949	178	94	40	44					
					1939 or earlier	719	284	254	181					
UNITS IN STRUCTURE														
1, detached or attached	424	151	168	105	UNITS IN STRUCTURE									
2 or more	148	22	—	126	1, detached or attached	457	149	174	134					
Mobile home or trailer	4	—	2	2	2	143	61	56	26					
HEATING EQUIPMENT														
Central heating system	561	170	158	233	3 and 4	145	90	46	9					
Other means	15	3	12	—	5 to 9	209	97	52	60					
None	—	—	—	—	10 to 49	195	95	63	37					
PRICE ASKED														
Specified vacant for sale only housing units	416	147	164	105	50 or more	33	19	5	9					
Less than \$10,000	14	—	—	14	Mobile home or trailer	151	51	57	43					
\$10,000 to \$19,999	28	—	23	5	RENT ASKED									
\$20,000 to \$29,999	97	27	52	Specified vacant for rent housing units	1 283	555	440	288						
\$30,000 to \$39,999	71	32	31	Less than \$100	134	47	36	51						
\$40,000 to \$49,999	100	39	33	\$100 to \$149	372	191	112	69						
\$50,000 to \$59,999	34	5	11	\$150 to \$199	395	151	161	83						
\$60,000 to \$79,999	65	44	14	\$200 to \$249	230	82	106	42						
\$80,000 to \$99,999	7	—	—	\$250 to \$299	114	74	10	30						
\$100,000 or more	—	—	—	\$300 to \$399	34	10	11	13						
Median	\$39 700	\$42 700	\$31 400	\$44 200	\$400 or more	4	—	4	—					
					Median	\$160	\$160	\$164	\$156					

Table A-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and 8.]

The SMSA

	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	\$10,000 to \$19,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)	
Total	416	14	125	171	106	—	1 283	134	767	344	34	4	160	
PLUMBING FACILITIES														
Complete plumbing for exclusive use	416	14	125	171	106	—	39 700	1 208	101	728	341	34	165	
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	75	33	39	3	—	108	
BEDROOMS														
None	—	—	—	—	—	—	149	27	121	—	1	—	123	
1	27	—	27	—	—	—	23 500	432	42	330	60	—	152	
2	153	12	60	45	36	—	30 800	523	45	253	196	25	186	
3	181	2	31	97	51	—	43 400	149	15	56	70	8	203	
4	54	—	7	28	19	—	46 900	30	5	7	18	—	215	
5 or more	1	—	—	1	—	—	42 500	—	—	—	—	—	—	
YEAR STRUCTURE BUILT														
1975 to March 1980	81	—	7	30	44	—	58 500	118	4	22	69	19	4	241
1970 to 1974	24	—	—	8	16	—	55 000	82	15	32	21	14	—	186
1960 to 1969	19	—	4	11	4	—	46 600	133	13	62	58	—	—	185
1950 to 1959	73	—	27	28	18	—	33 000	97	15	48	34	—	—	176
1940 to 1949	63	—	10	32	21	—	45 200	178	10	118	49	1	—	158
1939 or earlier	156	14	77	62	3	—	27 100	675	77	485	113	—	—	140
UNITS IN STRUCTURE														
1, detached or attached	416	14	125	171	106	—	39 700	407	44	228	134	1	—	168
2 or more	—	—	—	—	—	—	—	725	59	462	181	19	4	155
Mobile home or trailer	—	—	—	—	—	—	—	151	31	77	29	14	—	182

Table B-1. Value of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

	Total	Less than \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$59,999	\$60,000 to \$79,999	\$80,000 to \$99,999	\$100,000 to \$149,999	\$150,000 or more	Median (dollars)	Mean (dollars)
Specified owner-occupied housing units	18 485	307	1 957	4 345	4 476	3 229	1 809	1 529	406	321	106	35 700	40 100
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	13 788	131	1 091	2 829	3 317	2 723	1 548	1 381	381	302	85	38 600	42 900
15 to 24 years	486	13	29	166	176	67	21	14	—	—	—	31 600	32 700
25 to 34 years	3 082	5	130	560	894	716	409	294	43	31	—	39 500	42 000
35 to 44 years	2 525	22	125	341	579	487	422	391	109	40	9	43 400	47 100
45 to 64 years	5 437	41	417	1 114	1 182	1 053	566	575	207	206	76	39 700	46 200
65 years and over	2 258	50	390	648	486	400	130	107	22	25	—	30 700	34 000
Male householder, no wife present	1 014	48	167	295	209	139	86	43	15	4	8	29 900	34 700
15 to 24 years	92	5	18	24	16	—	19	10	—	—	—	29 800	34 700
25 to 34 years	210	6	14	64	56	46	10	7	7	—	—	33 400	35 700
35 to 44 years	95	5	5	27	8	27	23	—	—	—	—	40 800	36 900
45 to 64 years	274	19	29	68	81	28	22	7	8	4	8	32 100	41 600
65 years and over	343	13	101	112	48	38	12	19	—	—	—	24 500	28 000
Female householder, no husband present	3 683	128	699	1 221	950	367	175	105	10	15	13	28 500	30 700
15 to 24 years	29	—	6	4	12	7	—	—	—	—	—	34 500	32 300
25 to 34 years	368	14	81	100	111	36	11	11	—	4	—	29 300	29 800
35 to 44 years	337	7	55	90	69	84	14	14	—	—	4	31 800	34 400
45 to 64 years	1 047	—	134	357	296	145	47	44	4	11	9	31 100	34 900
65 years and over	1 902	107	423	670	462	95	103	36	6	—	—	26 600	27 800
Median age	51.8	67.0	63.7	55.6	51.2	47.7	44.5	45.9	48.1	52.8	51.6	...	...
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	1 769	29	73	299	483	323	242	194	78	48	—	40 000	45 000
1975 to 1978	4 399	45	283	744	995	902	600	591	96	100	43	41 300	45 600
1970 to 1974	3 039	38	305	679	754	429	328	334	80	65	27	36 800	42 500
1960 to 1969	3 970	57	494	883	867	833	344	283	119	65	25	36 600	39 900
1959 or earlier	5 308	138	802	1 740	1 377	742	295	127	33	43	11	29 900	32 500
ROOMS													
1 to 3 rooms	288	42	112	89	45	—	—	—	—	—	—	17 500	20 100
4 rooms	2 460	75	535	1 003	602	155	45	27	10	—	8	26 200	27 700
5 rooms	5 183	117	757	1 404	1 455	935	323	162	3	27	—	32 000	33 300
6 rooms	4 288	44	342	1 006	1 160	886	408	355	49	26	12	35 800	38 700
7 rooms	3 042	11	143	533	742	652	469	362	91	33	6	41 300	44 300
8 or more rooms	3 224	18	68	310	472	601	564	623	253	80	52 300	59 800	
Median	5.8	4.8	4.9	5.3	5.6	6.1	6.8	7.1	8.2	8.4	8.5+	...	...
BEDROOMS													
None	13	—	5	—	8	—	—	—	—	—	—	35 900	27 900
1	587	67	207	200	75	24	4	5	5	—	20 600	22 500	
2	6 144	158	1 094	2 084	1 705	687	192	172	26	9	17	28 900	30 700
3	7 966	52	518	1 496	1 941	1 782	1 022	808	170	140	37	39 900	43 200
4	3 080	21	121	448	640	620	518	415	138	129	30	44 100	50 000
5 or more	695	9	12	117	107	116	73	129	72	38	22	48 900	58 200
YEAR STRUCTURE BUILT													
1975 to March 1980	1 088	22	9	13	44	109	285	407	101	77	21	62 300	67 900
1970 to 1974	882	18	14	19	88	203	219	220	64	33	4	53 800	57 000
1960 to 1969	2 219	32	29	134	375	597	436	406	103	69	38	49 200	54 600
1950 to 1959	3 070	11	144	467	948	797	330	210	45	80	38	39 700	44 200
1940 to 1949	1 888	13	245	453	590	391	84	89	17	6	—	33 300	34 900
1939 or earlier	9 338	211	1 516	3 259	2 431	1 132	455	197	76	56	5	29 100	31 400
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 656	92	434	460	449	126	41	37	—	4	13	27 200	28 600
\$5,000 to \$9,999	2 514	67	552	892	579	223	108	72	11	10	—	26 800	29 300
\$10,000 to \$12,499	1 068	25	180	331	331	143	33	25	—	—	—	29 900	30 200
\$12,500 to \$14,999	1 172	—	194	397	377	122	63	13	—	6	—	29 900	31 400
\$15,000 to \$19,999	3 011	43	302	810	784	605	288	143	31	5	—	34 200	36 100
\$20,000 to \$24,999	2 842	45	136	573	831	755	252	190	39	21	—	38 100	39 600
\$25,000 to \$34,999	3 679	17	159	642	814	850	584	470	110	25	8	42 200	44 500
\$35,000 to \$49,999	1 610	18	—	163	259	313	299	372	95	78	13	51 200	55 700
\$50,000 or more	933	—	—	77	52	92	141	207	120	172	72	69 100	81 100
Median	\$19 705	\$9 375	\$9 921	\$15 458	\$18 289	\$22 647	\$27 019	\$30 656	\$36 133	\$51 776	\$75000+	...	...
Mean	\$22 242	\$12 613	\$11 778	\$16 969	\$18 617	\$23 691	\$28 279	\$33 578	\$47 821	\$63 609	\$78 642	...	...
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979													
With a mortgage	10 896	46	699	2 107	2 692	2 173	1 344	1 231	321	211	72	39 700	44 100
Less than 15 percent	3 194	34	205	689	721	615	384	308	99	101	38	39 400	44 800
15 to 19 percent	2 344	12	181	484	511	488	253	290	64	40	21	39 700	44 000
20 to 24 percent	1 952	—	104	341	562	392	225	226	66	36	—	39 500	43 700
25 to 29 percent	1 210	—	37	187	264	321	196	168	26	11	—	43 500	45 200
30 to 34 percent	706	—	32	125	170	129	118	64	49	14	5	41 700	47 200
35 percent or more	1 428	—	137	276	446	209	168	162	17	5	8	36 300	40 500
Not computed	62	—	3	5	18	19	13	—	4	—	—	42 100	48 000
Median	19.7	11.8	19.0	18.7	20.9	19.7	20.8	20.2	19.8	15.3	14.3	...	...
Not mortgaged	7 589	261	1 258	2 238	1 784	1 056	465	298	85	110	34	30 200	34 200
Less than 10 percent	2 788	95	338	760	646	473	205	138	49	74	10	33 000	37 500
10 to 14 percent	1 525	24	195	408	414	234	140	65	25	9	11	32 900	37 000
15 to 19 percent	972	39	179	324	228	148	12	24	6	12	—	28 600	30 800
20 to 24 percent	593	5	152	219	129	40	31	12	5	—	—	25 400	28 700
25 to 29 percent	405	19	105	126	88	31	25	6	5	—	—	27 000	28 900
30 to 34 percent	322	15	87	98	54	38	12	18	—	—	—	27 700	29 100
35 percent or more	943	64	187	298	216	80	40	35	—	10	13	27 300	31 300
Not computed	41	—	15	5	9	12	—	—	—	—	—	30 300	29 400
Median	13.2	16.5	17.5	14.4	12.9	11.0	11.0	10.8	10—	10—	13.2	...	...
SELECTED CHARACTERISTICS													
Complete plumbing for exclusive use	18 449	298	1 957	4 323	4 476	3 229	1 809	1 529	401	321	106	35 800	40 100
1.01 or more persons per room	344	4	30	135	108	41	5	13	—	—	8	30 300	34 900
Locking complete plumbing for exclusive use	36	9	—	22	—	—	—	—	5	—	—	21 400	27 500
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—
Heating equipment	18 485	307	1 957	4 345	4 476	3 229	1 809	1 529	406	321	106	35 700	40 100
Central heating system	18 041	274	1 796	4 231	4 397	3 196	1 796	1 525	406	314	106	36 100	40 400
Air conditioning	15 652	183	1 347	3 278	3 801	2 984	1 742	1 500	395	316	106	37 900	42 300
Central system	8 809	30	211	979	1 838	2 079	1 491	1 422	367	286	106	46 200	51 400
Income in 1979 below poverty level	1 251	73	288	336	364	91	33	49	—	4	13	27 600	29 900
Percent below poverty level	6.8	23.8	14.7	7.7	8.1	2.8	1.8	3.2	—	1.2	12.3	...	...

Table B-2. Gross Rent of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

	Total	Less than \$100	\$100 to \$149	\$150 to \$199	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 or more	No cash rent	Median (dollars)
Specified renter-occupied housing units	8 868	523	1 140	2 078	1 762	1 354	936	458	248	108	261	216
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	2 553	56	172	429	545	481	326	242	149	66	87	253
15 to 24 years	586	4	54	113	141	143	102	26	3	—	—	246
25 to 34 years	743	—	5	141	176	154	115	71	59	6	16	263
35 to 44 years	333	6	23	54	53	49	50	43	28	15	12	274
45 to 64 years	528	16	27	98	115	92	23	49	26	38	44	241
65 years and over	363	30	63	23	60	43	36	53	33	7	15	248
Male householder, no wife present	2 099	159	391	534	368	286	187	42	55	22	55	193
15 to 24 years	509	9	53	150	137	90	34	5	25	—	6	212
25 to 34 years	675	19	88	184	110	121	93	29	14	9	8	219
35 to 44 years	232	15	50	57	36	31	29	8	—	—	6	193
45 to 64 years	389	81	124	77	39	24	20	—	—	13	11	146
65 years and over	294	35	76	66	46	20	11	—	16	—	24	168
Female householder, no husband present	4 216	308	577	1 115	849	587	423	174	44	20	119	203
15 to 24 years	1 020	34	123	274	275	195	80	32	3	—	4	214
25 to 34 years	923	—	82	236	188	185	149	41	29	8	5	240
35 to 44 years	368	—	42	74	93	54	76	10	—	—	19	236
45 to 64 years	654	24	146	196	132	60	37	33	—	—	26	188
65 years and over	1 251	250	184	335	161	93	81	58	12	12	65	170
Median age	34.9	70.4	51.1	33.3	30.9	29.0	30.3	40.3	34.2	61.2	61.1	...
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	4 157	173	398	941	866	732	543	234	173	53	44	232
1975 to 1978	2 707	200	349	585	556	402	285	168	56	40	66	217
1970 to 1974	873	62	125	240	134	176	46	36	7	7	40	198
1960 to 1969	710	76	191	179	136	21	47	12	—	8	40	166
1959 or earlier	421	12	77	133	70	23	15	8	12	—	71	176
ROOMS												
1 room	233	92	96	26	—	8	11	—	—	—	—	105
2 rooms	824	111	361	238	67	20	6	—	7	—	14	140
3 rooms	2 171	219	388	876	379	222	21	37	3	—	26	176
4 rooms	2 453	66	164	544	647	443	374	101	61	13	40	232
5 rooms	1 963	23	78	249	462	482	328	135	97	29	80	264
6 rooms	851	12	53	106	165	147	126	149	29	39	25	284
7 or more rooms	373	—	—	39	42	32	70	36	51	27	76	325
Median	4.0	2.8	2.8	3.4	4.2	4.5	4.7	5.2	5.0	5.8	5.1	...
PLUMBING FACILITIES BY PERSONS PER ROOM AND POVERTY STATUS IN 1979												
All income levels in 1979	8 868	523	1 140	2 078	1 762	1 354	936	458	248	108	261	216
Complete plumbing for exclusive use	8 653	440	1 065	2 045	1 762	1 330	936	458	248	108	261	219
0.50 or less	5 771	382	798	1 453	1 078	822	536	250	153	85	214	207
0.51 to 1.00	2 586	58	236	552	611	459	360	170	78	23	39	237
1.01 to 1.50	227	—	14	40	60	32	33	38	10	—	—	250
1.51 or more	69	—	17	—	13	17	7	—	7	—	8	276
Lacking complete plumbing for exclusive use	215	83	75	33	—	24	—	—	—	—	—	107
0.50 or less	93	30	24	15	—	24	—	—	—	—	—	115
0.51 to 1.00	105	53	46	6	—	—	—	—	—	—	—	90
1.01 to 1.50	17	—	5	12	—	—	—	—	—	—	—	166
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
Income in 1979 below poverty level	2 046	276	328	452	407	254	155	92	32	2	48	193
Complete plumbing for exclusive use	1 949	241	284	439	407	249	155	92	32	2	48	198
1.01 or more persons per room	136	—	23	18	24	16	20	16	11	—	8	249
Locking complete plumbing for exclusive use	97	35	44	13	—	5	—	—	—	—	—	105
1.01 or more persons per room	6	—	—	6	—	—	—	—	—	—	—	185
BEDROOMS												
None	622	148	288	149	7	13	17	—	—	—	—	128
1	3 357	307	690	1 261	671	326	32	5	14	—	51	174
2	3 436	56	107	480	832	779	655	229	123	60	115	262
3	1 176	12	51	160	203	211	203	190	80	40	26	288
4	236	—	—	28	36	20	21	34	26	6	65	304
5 or more	41	—	4	—	13	5	8	—	5	2	4	282
UNITS IN STRUCTURE												
1, detached or attached	2 709	34	158	377	565	494	433	238	135	56	219	260
2	1 160	32	124	237	345	257	75	35	25	5	25	229
3 and 4	1 262	58	217	514	155	152	92	46	15	13	—	180
5 to 9	1 407	127	263	385	257	144	140	53	14	16	8	187
10 to 49	1 715	171	343	453	312	200	150	36	30	11	9	186
50 or more	461	97	31	82	78	64	39	40	23	7	—	209
Mobile home or trailer, etc.	154	4	4	30	50	43	7	10	6	—	—	242
YEAR STRUCTURE BUILT												
1975 to March 1980	916	137	74	81	69	122	197	104	63	57	12	284
1970 to 1974	715	53	12	51	146	205	122	34	42	34	16	267
1960 to 1969	652	13	13	71	157	173	109	63	25	—	28	269
1950 to 1959	964	—	117	194	213	257	70	37	47	5	24	238
1940 to 1949	1 247	17	167	315	296	191	147	80	6	2	26	219
1939 or earlier	4 374	303	757	1 366	881	406	291	140	65	10	155	186
STORIES IN STRUCTURE												
1 to 3	8 210	419	978	1 864	1 644	1 349	909	443	235	108	261	223
4 or more	658	104	162	214	118	5	27	15	13	—	166	...
With elevator	320	90	31	49	95	—	27	15	13	—	—	176
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979												
Less than 15 percent	1 447	169	199	377	302	192	82	53	43	30	...	195
15 to 19 percent	1 406	57	156	310	335	238	188	67	34	21	...	228
20 to 24 percent	1 186	124	199	271	218	177	118	53	15	11	...	200
25 to 29 percent	871	86	120	187	151	88	150	58	14	17	...	214
30 to 34 percent	697	37	96	161	117	178	77	26	5	—	...	226
35 to 49 percent	1 320	14	203	348	276	177	152	72	58	20	...	215
50 percent or more	1 539	27	97	408	336	299	163	124	76	9	...	236
Not computed	402	9	70	16	27	5	6	5	3	—	261	139
Median	26.1	21.3	24.5	27.0	25.4	28.8	27.6	29.6	37.7	21.4	...	...
SELECTED CHARACTERISTICS												
Heating equipment	8 868	523	1 140	2 078	1 762	1 354	936	458	248	108	261	216
Central heating system	8 359	510	1 024	1 952	1 647	1 295	906	444	222	108	251	218
Air conditioning	5 088	285	402	902	937	991	690	372	203	104	202	246
Central system	1 889	131	72	79	178	449	401	247	152	97	83	299

Table B-3. Income and Poverty Status in 1979 of Owner-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sioux City city

	Household income in 1979													Income in 1979 below poverty level				
	Total	Less than \$5,000		\$5,000 to \$9,999		\$10,000 to \$12,499		\$12,500 to \$14,999		\$15,000 to \$19,999		\$20,000 to \$24,999		\$25,000 to \$34,999		\$50,000 or more	Median (dollars)	Mean (dollars)
Owner-occupied housing units	21 139	1 994	2 980	1 268	1 410	3 446	3 180	4 041	1 793	1 027	19 246	21 851	1 549					
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER																		
Married-couple families	15 447	450	1 325	771	963	2 767	2 809	3 714	1 686	962	22 411	25 563	487					
15 to 24 years	674	16	50	74	59	250	172	39	14	—	18 205	17 612	23					
25 to 34 years	3 323	66	69	126	250	838	922	820	175	57	21 517	22 428	99					
35 to 44 years	2 809	47	72	77	44	444	555	970	416	184	26 277	28 614	95					
45 to 64 years	6 083	162	277	190	320	887	993	1 647	963	644	26 060	30 583	177					
65 years and over	2 558	159	857	304	290	348	167	238	118	77	12 163	16 441	93					
Male householder, no wife present	1 370	194	281	100	119	287	180	139	39	31	14 811	16 290	127					
15 to 24 years	174	22	24	18	23	42	25	20	—	—	15 000	14 862	15					
25 to 34 years	269	21	20	21	27	76	47	31	19	7	18 342	20 182	26					
35 to 44 years	149	9	—	12	5	60	23	16	8	16	18 973	26 351	9					
45 to 64 years	363	32	50	31	47	69	45	12	8	16 536	17 481	26						
65 years and over	415	110	187	18	17	40	16	27	—	—	6 998	9 710	51					
Female householder, no husband present	4 322	1 350	1 374	397	328	392	191	188	68	34	7 744	10 349	935					
15 to 24 years	74	31	29	4	—	6	4	—	—	—	5 714	7 150	31					
25 to 34 years	463	96	138	63	41	56	35	29	5	—	9 892	11 405	169					
35 to 44 years	374	46	91	63	51	56	25	39	—	3	11 984	13 491	83					
45 to 64 years	1 217	217	347	135	171	159	72	68	37	11	10 824	12 991	182					
65 years and over	2 194	960	769	132	65	115	55	52	26	20	5 718	8 233	470					
Median age	51.6	69.1	68.8	57.1	54.4	42.2	40.6	45.6	49.5	51.8	...	...	58.3					
YEAR HOUSEHOLDER MOVED INTO UNIT																		
1979 to March 1980	2 227	99	188	128	207	536	439	397	155	78	19 600	21 959	130					
1975 to 1978	5 145	303	343	277	295	1 038	1 040	1 145	452	252	21 439	23 608	370					
1970 to 1974	3 587	265	334	168	224	569	639	786	395	207	21 712	24 857	257					
1960 to 1969	4 368	300	513	348	267	609	550	579	504	298	21 366	24 192	227					
1959 or earlier	5 812	1 027	1 602	347	417	694	512	734	287	192	11 996	16 641	565					
SELECTED CHARACTERISTICS																		
Complete plumbing for exclusive use	21 078	1 942	2 976	1 268	1 410	3 441	3 180	4 041	1 793	1 027	19 289	21 903	1 497					
1.01 or more persons per room	408	5	19	33	7	86	114	47	66	31	22 857	27 083	40					
Lacking complete plumbing for exclusive use	61	52	4	—	—	5	—	—	—	—	3 320	3 809	52					
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—					
Heating equipment	21 139	1 994	2 980	1 268	1 410	3 446	3 180	4 041	1 793	1 027	19 246	21 851	1 549					
Central heating system	20 593	1 888	2 823	1 209	1 394	3 378	3 129	3 997	1 755	1 020	19 420	22 020	1 476					
Air conditioning	17 844	1 401	2 326	966	1 170	2 865	2 796	3 650	1 681	989	20 319	23 053	1 076					
Vehicles available	10 005	484	848	393	447	1 398	1 746	2 513	1 313	863	24 065	27 707	423					
1	19 578	1 177	2 417	1 215	1 381	3 410	3 150	4 020	1 781	1 027	20 274	23 077	1 066					
2 or more	6 918	852	1 747	725	735	1 145	721	665	200	128	12 959	15 460	661					
House heating fuel	12 660	325	670	490	646	2 265	2 429	3 355	1 581	899	23 885	27 239	405					
Utility gas	21 139	1 994	2 980	1 268	1 410	3 446	3 180	4 041	1 793	1 027	19 246	21 851	1 549					
Bottled, tank, or LP gas	1 067	48	29	20	49	145	183	275	215	103	26 836	30 141	60					
Electricity	342	81	79	36	13	83	—	33	12	5	10 764	13 237	52					
Fuel oil, kerosene, etc.	76	7	6	13	—	13	30	—	—	7	19 808	28 039	7					
Median rooms	5.7	5.0	5.1	5.2	5.2	5.6	5.9	6.2	6.7	7.6	...	...	5.3					
Specified owner-occupied housing units	18 485	1 656	2 514	1 068	1 172	3 011	2 842	3 679	1 610	933	19 705	22 242	1 251					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS																		
With a mortgage	10 896	400	691	480	619	2 076	2 094	2 751	1 154	631	22 773	25 324	535					
Less than \$200	859	68	171	89	83	176	136	123	5	8	15 252	16 472	94					
\$200 to \$249	1 327	56	131	109	135	319	208	262	71	36	18 720	19 987	87					
\$250 to \$299	1 596	118	159	88	121	267	358	344	111	30	20 583	20 614	137					
\$300 to \$349	1 609	53	78	63	79	363	297	443	192	41	22 829	23 899	70					
\$350 to \$399	1 358	50	35	36	85	345	312	336	109	50	22 286	23 698	56					
\$400 to \$449	2 042	20	81	52	74	344	504	558	288	121	24 065	27 361	38					
\$500 to \$599	1 124	12	5	29	17	196	208	395	163	99	26 034	30 126	17					
\$600 to \$749	662	13	24	14	25	46	71	214	137	118	29 358	35 520	19					
\$750 or more	319	10	7	—	—	20	—	76	78	128	29 598	57 905	17					
Median	\$352	\$282	\$264	\$274	\$288	\$338	\$358	\$380	\$429	\$530	...	...	\$282					
Not mortgaged	7 589	1 256	1 823	588	553	935	748	928	456	302	13 076	17 818	716					
Less than \$50	11	5	—	—	6	—	—	—	6	—	17 708	11 749	5					
\$50 to \$74	246	86	105	5	6	12	26	—	6	—	6 250	8 733	41					
\$75 to \$99	887	200	343	98	56	84	46	45	15	—	8 284	10 478	84					
\$100 to \$124	1 731	368	508	134	182	231	157	115	30	6	9 885	12 410	213					
\$125 to \$149	1 833	313	438	194	78	218	205	277	105	5	12 133	15 605	183					
\$150 to \$199	1 826	203	253	110	199	259	220	325	179	78	17 587	21 291	119					
\$200 to \$249	621	55	94	41	32	102	65	128	70	34	19 629	22 411	45					
\$250 or more	434	26	82	6	—	23	29	38	51	179	38 982	47 850	26					
Median	\$138	\$123	\$123	\$132	\$135	\$140	\$143	\$154	\$170	\$250+	...	...	\$127					
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																		
With a mortgage	10 896	400	691	480	619	2 076	2 094	2 751	1 154	631	22 773	25 324	535					
Less than 15 percent	3 194	—	6	13	24	256	483	1 180	712	520	31 384	37 529	8					
15 to 19 percent	2 344	—	—	63	104	441	644	714	291	87	24 388	26 332	—					
20 to 24 percent	1 952	—	48	104	180	454	533	496	117	20	21 727	22 598	10					
25 to 29 percent	1 210	—	78	68	93	444	270	240	13	4	19 067	19 602	22					
30 to 34 percent	706	—	109	58	85	227	126	80	21	—	17 750	17 613	21					
35 percent or more	1 428	338	450	174	133	254	38	41	—	—	8 984	9 903	4					

Table B-4. Income and Poverty Status in 1979 of Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

	Household income in 1979												Income in 1979 below poverty level	
	Total	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)	Mean (dollars)		
	Renter-occupied housing units	8 959	2 105	2 573	988	754	1 143	626	502	154	114	9 558	12 118	2 064
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER														
Married-couple families	2 600	179	494	284	268	540	387	295	98	55	15 560	17 669	263	
15 to 24 years	591	43	117	62	81	132	80	65	11	—	14 769	15 040	72	
25 to 34 years	753	41	87	86	70	239	116	101	8	5	16 595	16 887	66	
35 to 44 years	338	32	41	18	36	80	70	41	13	7	16 909	18 767	39	
45 to 64 years	540	34	98	72	38	65	104	57	43	29	17 188	20 632	57	
65 years and over	378	29	151	46	43	24	17	31	23	14	10 489	18 126	29	
Male householder, no wife present	2 128	527	525	275	236	253	115	112	41	44	10 109	12 074	485	
15 to 24 years	518	100	133	86	85	64	20	14	5	11	10 756	11 427	130	
25 to 34 years	677	132	100	124	115	91	65	28	13	9	12 147	12 929	135	
35 to 44 years	232	52	49	6	4	39	26	46	10	—	15 446	14 785	42	
45 to 64 years	395	132	112	53	21	35	—	24	6	12	7 127	10 847	102	
65 years and over	306	111	131	6	11	24	4	—	7	12	6 522	10 809	76	
Female householder, no husband present	4 231	1 399	1 554	429	250	350	124	95	15	15	7 033	8 728	1 316	
15 to 24 years	1 025	300	415	97	66	81	30	36	—	—	7 709	8 839	352	
25 to 34 years	931	215	303	145	81	106	42	34	5	—	8 888	10 209	279	
35 to 44 years	368	111	144	34	24	48	—	7	—	—	7 173	8 249	177	
45 to 64 years	656	183	292	56	35	53	16	6	10	5	7 280	9 054	182	
65 years and over	1 251	590	400	97	44	62	36	12	—	10	5 343	7 505	326	
Median age	34.9	47.6	40.2	31.5	29.7	29.2	31.6	33.2	48.8	60.4	...	...	35.0
YEAR HOUSEHOLDER MOVED INTO UNIT														
1979 to March 1980	4 184	955	1 199	483	385	583	281	212	68	18	9 726	11 435	1 099	
1975 to 1978	2 745	674	727	310	178	330	232	190	53	51	9 769	13 037	633	
1970 to 1974	878	183	251	73	81	112	70	58	28	22	10 171	13 754	150	
1960 to 1969	728	186	271	62	59	81	19	27	5	18	7 827	11 308	127	
1959 or earlier	424	107	125	60	51	37	24	15	—	5	8 936	10 902	55	
PLUMBING FACILITIES BY PERSONS PER ROOM														
Complete plumbing for exclusive use	8 744	1 996	2 500	980	746	1 137	621	496	154	114	9 716	12 251	1 967	
0.50 or less	5 820	1 505	1 754	642	492	623	347	288	81	88	8 840	11 646	1 112	
0.51 to 1.00	2 620	436	664	292	226	449	270	184	73	26	11 798	13 741	711	
1.01 to 1.50	235	42	58	40	28	44	4	19	—	—	11 094	11 067	99	
1.51 or more	69	13	24	6	—	21	—	5	—	—	9 107	10 699	45	
Lacking complete plumbing for exclusive use	215	109	73	8	8	6	5	6	—	—	4 958	6 705	97	
0.50 or less	93	36	44	8	—	5	—	—	—	—	6 641	7 246	36	
0.51 to 1.00	105	73	18	—	8	6	—	—	—	—	4 033	5 207	55	
1.01 to 1.50	17	—	11	—	—	—	—	6	—	—	8 750	12 994	6	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	
SELECTED CHARACTERISTICS														
Housing equipment	8 959	2 105	2 573	988	754	1 143	626	502	154	114	9 558	12 118	2 064	
Central heating system	8 450	1 924	2 422	898	728	1 101	613	502	154	108	9 711	12 331	1 898	
Air conditioning	5 168	897	1 350	556	487	768	494	377	131	108	11 515	14 307	1 832	
Central system	1 928	309	397	174	161	365	177	178	86	81	13 804	16 727	269	
Vehicles available	6 647	957	1 695	876	696	1 096	610	482	139	96	11 916	13 885	1 077	
1	4 424	762	1 477	668	408	610	218	162	70	49	9 905	11 625	812	
2 or more	2 223	195	218	208	288	486	392	320	69	47	16 875	18 382	265	
House heating fuel	8 959	2 105	2 573	988	754	1 143	626	502	154	114	9 558	12 118	2 064	
Utility gas	7 565	1 822	2 204	828	605	962	527	430	117	70	9 362	11 713	1 759	
Bottled, tank, or LP gas	113	30	38	16	—	6	10	5	8	8 643	23 350	19		
Electricity	989	198	248	84	119	143	79	56	26	36	11 443	14 237	238	
Fuel oil, kerosene, etc.	197	36	68	33	24	16	8	6	—	9 556	11 227	31		
Other	95	19	15	27	6	22	6	—	—	—	11 250	10 794	17	
Median rooms	4.0	3.4	3.7	4.1	4.1	4.4	4.8	4.5	4.9	4.8	...	...	3.8
Specified renter-occupied housing units	8 868	2 090	2 543	982	746	1 124	626	496	147	114	9 555	12 110	2 046	
CONTRACT RENT														
Less than \$100	1 111	586	342	53	36	46	29	3	16	—	4 822	6 512	471	
\$100 to \$149	1 919	505	730	207	159	181	35	84	18	—	7 609	9 435	445	
\$150 to \$199	2 629	611	835	355	212	315	158	115	18	10	8 982	10 698	674	
\$200 to \$249	1 655	194	411	196	206	296	198	124	17	13	12 822	14 591	289	
\$250 to \$299	795	101	110	95	84	158	108	81	30	28	15 172	17 257	105	
\$300 to \$349	327	13	53	40	31	51	45	59	23	12	17 137	20 946	5	
\$350 to \$399	64	7	9	5	—	19	—	10	3	11	16 964	27 337	2	
\$400 to \$449	71	7	—	—	11	17	11	6	19	27 750	31 875	7		
\$500 or more	36	—	—	—	—	7	—	13	16	47 838	48 922	—		
No cash rent	261	66	53	31	18	47	29	9	3	5	10 927	13 163	48	
Median	\$170	\$140	\$160	\$176	\$186	\$198	\$217	\$214	\$277	\$315	...	...	\$153
GROSS RENT														
Less than \$100	523	345	109	36	10	7	—	—	16	—	4 221	5 670	276	
\$100 to \$149	1 140	431	492	67	55	73	6	16	—	—	6 139	6 992	328	
\$150 to \$199	2 078	544	774	258	149	189	76	67	11	10	7 867	9 609	452	
\$200 to \$249	1 762	324	490	208	238	254	131	100	9	8	10 805	12 507	407	
\$250 to \$299	1 354	211	304	201	125	231	140	97	40	5	12 015	13 710	254	
\$300 to \$349	936	70	202	111	82	201	149	106	6	9	15 049	15 691	155	
\$350 to \$399	458	77	74	26	46	78	54	58	27	18	15 242	18 173	92	
\$400 to \$449	248	22	36	44	21	33	17	32	16	27	15 132	22 169	32	
\$500 or more	108	—	9	—	2	11	24	11	19	32	32 334	36 515	2	
No cash rent	261	66	53	31	18	47	29	9	3	5	10 927	13 163	48	
Median	\$216	\$172	\$191	\$223	\$230	\$253	\$280	\$275	\$296	\$417	...	...	\$193
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979														
Less than 15 percent	1 447	25	89	71	109	308	258	355	131	101	22 301	25 919	45	
15 to 19 percent	1 406	29	162	207	240	363	270	114	13	8	15 817	16 549	55	
20 to 24 percent	1 186	118	393	198	197	217	45	18	—	—	11 035	11 462	136	
25 to 29 percent	871	94	357	150	101	152	17	—	—	—	9 797	10 149	80	
30 to 34 percent	697	97	348	206	34	12	—	—	—	—	8 325	8 346	79	
35 to 49 percent	1 320	330	813	98	47	25	7	—	—	—	6 637	6 940	280	
50 percent or more	1 539	1 190	328	21	—	—	—	—	—	—	3 656	3 750	1 182	
Not computed	402	207	53	31	18	47	29	9	3	5	4 681	8 546	189	
Median	26.1	50+	33.5	25.0	20.4	18.2	15.7	12.1	10.1	10	...	...	50+

Table B-5. Selected Monthly Owner Costs for Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

Specified owner-occupied housing units -----

	Total	Less than \$200	\$200 to \$249	\$250 to \$299	\$300 to \$349	\$350 to \$399	\$400 to \$499	\$500 to \$599	\$600 to \$749	\$750 or more	Median (dollars)
PERSONS IN UNIT											
1 person -----	10 896	859	1 327	1 596	1 609	1 358	2 042	1 124	662	319	352
2 persons -----	738	133	118	163	63	92	93	57	19	—	286
3 persons -----	2 680	337	325	433	405	289	506	195	120	70	330
4 persons -----	2 331	150	276	373	352	299	400	280	152	49	352
5 persons -----	2 844	132	327	357	431	385	603	316	197	96	373
6 persons -----	1 369	81	162	139	219	141	268	192	113	54	380
7 persons -----	513	21	48	87	53	69	95	53	41	46	384
8 or more persons -----	289	5	44	27	47	69	59	24	14	—	366
Median -----	132	—	27	17	39	14	18	7	6	4	328
3.37	2.38	3.30	3.04	3.46	3.50	3.54	3.59	3.70	3.92	—	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER											
Married-couple families -----	9 282	628	1 053	1 247	1 401	1 179	1 833	1 016	623	302	363
15 to 24 years -----	458	34	18	33	145	54	128	25	21	—	350
25 to 34 years -----	2 947	96	264	336	423	461	722	385	198	62	388
35 to 44 years -----	2 262	92	230	226	322	318	431	329	223	91	391
45 to 64 years -----	3 266	331	436	584	478	307	541	259	181	149	329
65 years and over -----	349	75	105	68	33	39	11	18	—	—	247
Male householder, no wife present -----	443	33	57	101	54	68	69	46	8	7	328
15 to 24 years -----	50	—	—	5	9	21	15	—	—	—	376
25 to 34 years -----	160	—	18	41	19	32	27	16	—	7	353
35 to 44 years -----	82	4	20	6	12	15	10	15	—	—	346
45 to 64 years -----	126	23	12	43	14	—	11	15	8	—	283
65 years and over -----	25	6	7	6	—	—	6	—	—	—	246
Female householder, no husband present -----	1 171	198	217	248	154	111	140	62	31	10	284
15 to 24 years -----	29	6	—	—	7	12	4	—	—	—	356
25 to 34 years -----	321	23	87	63	46	38	42	6	6	10	290
35 to 44 years -----	267	38	26	53	48	31	38	20	13	—	317
45 to 64 years -----	428	85	91	98	34	24	56	28	12	—	269
65 years and over -----	126	46	13	34	19	6	—	8	—	—	256
Median age -----	39.8	52.2	45.0	46.0	38.1	36.5	36.4	37.9	38.4	43.8	...
YEAR HOUSEHOLDER MOVED INTO UNIT											
1979 to March 1980 -----	1 546	27	45	122	192	195	410	286	177	92	437
1975 to 1978 -----	3 942	140	295	390	565	588	967	579	321	97	399
1970 to 1974 -----	2 322	222	319	437	341	287	363	148	86	119	327
1960 to 1969 -----	2 384	360	523	516	411	220	216	72	55	11	280
1959 or earlier -----	702	110	145	131	100	68	86	39	23	—	287
ROOMS											
1 to 3 rooms -----	97	31	32	6	12	—	11	5	—	—	227
4 rooms -----	1 005	199	218	237	150	101	60	32	—	8	268
5 rooms -----	2 579	355	391	476	496	295	405	118	43	—	307
6 rooms -----	2 503	165	393	393	336	394	417	270	71	64	345
7 rooms -----	2 300	70	180	251	350	286	546	347	210	60	402
8 or more rooms -----	2 412	39	113	233	265	282	603	352	338	187	444
Median -----	6.2	5.1	5.6	5.7	5.9	6.2	6.7	6.9	7.5	7.8	...
YEAR STRUCTURE BUILT											
1975 to March 1980 -----	943	16	5	14	15	54	157	278	303	101	576
1970 to 1974 -----	786	7	17	61	67	70	216	225	87	36	480
1960 to 1969 -----	1 631	38	115	177	278	255	421	175	106	66	391
1950 to 1959 -----	1 816	131	266	314	241	249	365	118	67	65	341
1940 to 1949 -----	1 221	133	125	213	203	220	225	55	40	7	334
1939 or earlier -----	4 499	534	799	817	805	510	658	273	59	44	306
VALUE											
Less than \$10,000 -----	46	24	17	5	—	—	—	—	—	—	190
\$10,000 to \$19,999 -----	699	293	194	121	43	35	13	—	—	—	215
\$20,000 to \$29,999 -----	2 107	284	435	533	436	210	177	21	11	—	281
\$30,000 to \$39,999 -----	2 692	205	368	524	610	488	379	79	20	19	320
\$40,000 to \$49,999 -----	2 173	16	243	297	331	308	685	258	35	—	382
\$50,000 to \$59,999 -----	1 344	30	31	84	111	210	347	361	170	—	446
\$60,000 to \$79,999 -----	1 231	7	7	17	72	93	358	303	267	107	520
\$80,000 to \$99,999 -----	321	—	17	5	—	14	61	74	90	60	586
\$100,000 to \$149,999 -----	211	—	15	10	6	—	22	17	55	86	697
\$150,000 or more -----	72	—	—	—	—	—	—	11	14	47	750+
Median -----	\$39 700	\$22 600	\$30 400	\$33 000	\$35 300	\$38 900	\$45 800	\$56 100	\$66 300	\$87 100	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979											
Less than 15 percent -----	3 194	463	685	624	569	274	333	111	61	74	286
15 to 19 percent -----	2 344	150	250	399	409	372	415	194	119	36	346
20 to 24 percent -----	1 952	61	187	171	291	260	562	244	118	58	401
25 to 29 percent -----	1 210	59	37	87	129	213	311	231	126	17	422
30 to 34 percent -----	706	46	37	59	42	89	157	136	84	56	449
35 percent or more -----	1 428	77	131	249	158	126	264	202	147	74	389
Not computed -----	62	3	—	7	11	24	—	6	7	4	371
Median -----	19.7	14.3	14.8	17.1	17.8	20.4	22.4	25.2	26.2	24.1	...
SELECTED CHARACTERISTICS											
Heating equipment -----	10 896	859	1 327	1 596	1 609	1 358	2 042	1 124	662	319	352
Steam or hot water system -----	399	12	46	41	34	58	120	44	23	21	407
Central warm-air furnace or electric heat pump -----	10 143	785	1 239	1 473	1 558	1 273	1 842	1 050	625	298	351
Other built-in electric units -----	78	8	—	11	—	9	25	11	14	—	431
Floor, wall, or pipeless furnace -----	85	29	11	20	7	4	14	—	—	—	256
Other means -----	191	25	31	51	10	14	41	19	—	—	289
Air conditioning -----	9 420	568	1 056	1 300	1 340	1 210	1 895	1 077	655	319	368
Central system -----	5 780	130	343	606	715	737	1 382	950	622	295	421
1 or more individual room units -----	3 640	438	713	694	625	473	513	127	33	24	298
House heating fuel -----	10 896	859	1 327	1 596	1 609	1 358	2 042	1 124	662	319	352
Utility gas -----	9 890	831	1 289	1 543	1 577	1 282	1 831	917	395	225	341
Bottled, tank, or LP gas -----	67	4	5	6	—	18	34	—	—	—	403
Electricity -----	796	13	—	30	23	35	147	199	262	87	575
Fuel oil, kerosene, etc. -----	97	5	22	17	9	15	9	8	5	7	325
Other -----	46	6	11	—	—	8	21	—	—	—	388

Table B-6. Selected Monthly Owner Costs for Not Mortgaged Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Sioux City city

	Total	Less than \$50	\$50 to \$74	\$75 to \$99	\$100 to \$124	\$125 to \$149	\$150 to \$199	\$200 to \$249	\$250 or more	Median (dollars)
Specified owner-occupied housing units -----	7 589	11	246	887	1 731	1 833	1 826	621	434	138
PERSONS IN UNIT										
1 person -----	2 217	5	166	406	651	471	293	134	91	120
2 persons -----	3 560	6	46	408	789	954	883	298	176	139
3 persons -----	961	—	21	28	179	222	318	125	68	155
4 persons -----	481	—	13	30	71	90	186	35	56	160
5 persons -----	299	—	—	15	29	73	127	18	37	163
6 persons -----	11	—	—	—	—	—	—	11	—	225
7 persons -----	46	—	—	—	12	9	19	—	6	155
8 or more persons -----	14	—	—	—	—	14	—	—	—	138
Median -----	1.94	1.58	1.24	1.59	1.77	1.97	2.20	2.09	2.22	...
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER										
Married-couple families -----	4 506	—	74	399	830	1 175	1 302	398	328	145
15 to 24 years -----	28	—	—	7	14	7	—	—	—	113
25 to 34 years -----	135	—	—	7	35	37	49	7	—	142
35 to 44 years -----	263	—	13	30	19	40	112	29	20	163
45 to 64 years -----	2 171	—	7	126	328	629	644	215	222	150
65 years and over -----	1 909	—	54	229	434	462	497	147	86	138
Male householder, no wife present -----	571	11	30	81	148	94	118	64	25	129
15 to 24 years -----	42	—	—	5	13	6	5	13	—	138
25 to 34 years -----	50	6	—	5	18	4	6	11	—	119
35 to 44 years -----	13	—	—	5	—	—	8	—	—	159
45 to 64 years -----	148	—	5	12	52	12	43	14	10	135
65 years and over -----	318	5	25	54	65	72	56	26	15	128
Female householder, no husband present -----	2 512	—	142	407	753	564	406	159	81	123
15 to 24 years -----	—	—	—	9	—	—	—	—	—	—
25 to 34 years -----	47	—	—	9	8	—	20	10	—	166
35 to 44 years -----	70	—	—	15	12	15	24	—	4	138
45 to 64 years -----	619	—	20	67	158	150	157	47	20	136
65 years and over -----	1 776	—	122	316	575	399	205	102	57	120
Median age -----	65.9	29.6	74.8	70.4	68.5	65.3	61.7	63.5	60.5	...
YEAR HOUSEHOLDER MOVED INTO UNIT										
1979 to March 1980 -----	223	—	—	29	56	62	45	25	6	136
1975 to 1978 -----	457	6	18	73	80	58	113	37	72	147
1970 to 1974 -----	717	5	18	66	185	129	188	49	77	141
1960 to 1969 -----	1 586	—	43	138	262	304	488	220	131	155
1959 or earlier -----	4 606	—	167	581	1 148	1 280	992	290	148	133
ROOMS										
1 to 3 rooms -----	191	6	25	77	77	6	—	—	—	96
4 rooms -----	1 455	5	88	275	445	327	271	30	14	120
5 rooms -----	2 604	—	75	319	629	680	619	197	85	135
6 rooms -----	1 785	—	51	126	401	483	496	139	89	141
7 rooms -----	742	—	7	54	108	192	246	87	48	152
8 or more rooms -----	812	—	—	36	71	145	194	168	198	190
Median -----	5.3	3.4	4.6	4.8	5.0	5.4	5.5	6.1	7.1	...
YEAR STRUCTURE BUILT										
1975 to March 1980 -----	145	—	—	9	16	27	24	22	47	193
1970 to 1974 -----	96	—	—	5	15	13	11	24	28	208
1960 to 1969 -----	588	6	10	21	55	47	235	97	117	183
1950 to 1959 -----	1 254	—	30	63	152	296	445	134	134	160
1940 to 1949 -----	667	—	12	79	170	148	188	50	20	137
1939 or earlier -----	4 839	5	194	710	1 323	1 302	923	294	88	129
VALUE										
Less than \$10,000 -----	261	6	59	55	101	30	10	—	—	103
\$10,000 to \$19,999 -----	1 258	5	96	331	436	191	153	31	15	111
\$20,000 to \$29,999 -----	2 238	—	80	403	667	552	430	101	5	124
\$30,000 to \$39,999 -----	1 784	—	5	88	399	690	510	77	15	139
\$40,000 to \$49,999 -----	1 056	—	—	4	106	314	475	134	23	161
\$50,000 to \$59,999 -----	465	—	—	6	22	36	167	172	62	200
\$60,000 to \$79,999 -----	298	—	6	—	—	7	61	83	141	245
\$80,000 to \$99,999 -----	85	—	—	—	—	6	9	13	57	250+
\$100,000 to \$149,999 -----	110	—	—	—	—	7	11	10	82	250+
\$150,000 or more -----	34	—	—	—	—	—	—	—	34	250+
Median -----	\$30 200	\$10000—	\$16 900	\$21 000	\$24 700	\$32 000	\$36 800	\$47 000	\$71 400	...
SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979										
Less than 10 percent -----	2 788	6	70	320	598	678	720	190	206	140
10 to 14 percent -----	1 525	—	77	168	317	288	431	177	67	142
15 to 19 percent -----	972	—	24	162	252	258	194	56	26	130
20 to 24 percent -----	593	—	34	74	161	153	117	44	10	129
25 to 29 percent -----	405	5	13	62	105	100	68	41	11	129
30 to 34 percent -----	322	—	15	36	106	74	45	34	12	126
35 percent or more -----	943	—	13	65	183	269	244	67	102	145
Not computed -----	41	—	—	—	9	13	7	12	—	147
Median -----	13.2	10—	13.4	13.7	14.1	14.0	12.2	13.2	10.8	...
SELECTED CHARACTERISTICS										
Heating equipment -----	7 589	11	246	887	1 731	1 833	1 826	621	434	138
Steam or hot water system -----	321	—	—	24	56	59	69	80	33	166
Central warm-air furnace or electric heat pump -----	6 831	6	235	781	1 533	1 724	1 652	528	372	137
Other built-in electric units -----	19	—	—	—	6	—	—	—	13	250+
Floor, wall, or pipeless furnace -----	165	5	5	31	45	12	61	6	—	123
Other means -----	253	—	6	51	91	38	44	7	16	119
Air conditioning -----	6 232	6	154	711	1 313	1 528	1 522	573	425	140
Central system -----	3 029	—	11	138	433	708	953	408	378	162
1 or more individual room units -----	3 203	6	143	573	880	820	569	165	47	125
House heating fuel -----	7 589	11	246	887	1 731	1 833	1 826	621	434	138
Utility gas -----	7 247	11	246	859	1 632	1 786	1 748	583	382	137
Bottled, tank, or LP gas -----	78	—	—	21	19	10	7	16	5	124
Electricity -----	93	—	—	—	6	13	27	—	47	250+
Fuel oil, kerosene, etc. -----	151	—	—	7	68	17	44	15	—	126
Other -----	20	—	—	—	6	7	—	7	—	139

Table B-7. Year Structure Built for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

	Owner-occupied housing units						Renter-occupied housing units						
	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	Total	1975 to March 1980	1970 to 1974	1960 to 1969	1940 to 1959	1939 or earlier	
		21 139	1 405	1 431	2 605	5 325		8 959	916	715	669	2 231	4 428
Occupied housing units													
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER													
Married-couple families	15 447	1 198	1 106	2 158	4 025	6 960	2 600	241	268	253	712	1 126	
15 to 24 years	674	111	79	47	206	231	591	38	63	35	248	207	
25 to 34 years	3 323	414	290	426	953	1 240	753	53	90	58	247	305	
35 to 44 years	2 809	288	325	462	677	1 057	338	45	13	30	66	184	
45 to 64 years	6 083	358	351	1 035	1 554	2 785	540	54	56	64	110	256	
65 years and over	2 558	27	61	188	635	1 647	378	51	46	66	41	174	
Male householder, no wife present	1 370	108	116	173	310	663	2 128	133	115	78	612	1 190	
15 to 24 years	174	36	26	35	30	47	518	18	23	37	210	230	
25 to 34 years	269	19	20	53	86	91	677	64	33	25	204	351	
35 to 44 years	149	15	37	11	19	67	232	10	12	10	82	118	
45 to 64 years	363	32	28	35	90	178	395	8	28	6	49	304	
65 years and over	415	6	5	39	85	280	306	33	19	—	67	187	
Female householder, no husband present	4 322	99	209	274	990	2 750	4 231	542	332	338	907	2 112	
15 to 24 years	74	—	37	15	16	6	1 025	66	88	103	310	458	
25 to 34 years	463	49	45	16	120	233	931	161	102	64	195	409	
35 to 44 years	374	13	11	36	140	174	368	27	38	14	88	201	
45 to 64 years	1 217	28	87	107	318	677	656	60	44	28	157	367	
65 years and over	2 194	9	29	100	396	1 660	1 251	228	60	129	157	677	
Median age	51.6	36.9	39.6	48.5	50.6	56.8	34.9	42.1	30.6	37.7	29.2	39.5	
YEAR HOUSEHOLDER MOVED INTO UNIT													
1979 to March 1980	2 227	537	231	278	421	760	4 184	494	400	255	1 234	1 801	
1975 to 1978	5 145	868	581	704	1 301	1 691	2 745	422	202	197	677	1 247	
1970 to 1974	3 587	—	619	543	907	1 518	878	—	113	129	204	432	
1960 to 1969	4 368	—	—	1 080	1 092	2 196	728	—	—	88	55	585	
1959 or earlier	5 812	—	—	—	1 604	4 208	424	—	—	—	61	363	
ROOMS													
1 room	11	—	—	—	—	11	233	11	—	—	29	193	
2 rooms	21	—	—	7	9	5	824	33	14	35	129	613	
3 rooms	419	4	25	57	88	245	2 183	272	139	128	536	1 108	
4 rooms	3 207	132	297	249	1 040	1 489	2 477	330	336	240	649	922	
5 rooms	5 979	270	346	738	1 699	2 926	1 990	187	165	193	520	925	
6 rooms	4 715	377	186	565	1 166	2 421	866	53	41	46	264	462	
7 or more rooms	6 787	622	577	989	1 323	3 276	386	30	20	27	104	205	
Median	5.7	6.3	5.8	5.9	5.4	5.7	4.0	3.9	4.1	4.2	4.1	3.8	
PLUMBING FACILITIES BY PERSONS PER ROOM													
Complete plumbing for exclusive use	21 078	1 405	1 431	2 605	5 325	10 312	8 744	916	703	662	2 203	4 260	
0.50 or less	13 835	811	868	1 647	3 338	7 171	5 820	710	473	466	1 338	2 833	
0.51 to 1.00	6 835	574	549	888	1 881	2 943	2 620	189	224	180	766	1 261	
1.01 to 1.50	364	20	14	62	100	168	235	17	6	16	74	122	
1.51 or more	44	—	—	8	6	30	69	—	—	—	25	44	
Lacking complete plumbing for exclusive use	61	—	—	—	—	61	215	—	12	7	28	168	
0.50 or less	56	—	—	—	—	56	93	—	12	7	5	69	
0.51 to 1.00	5	—	—	—	—	5	105	—	—	—	17	88	
1.01 to 1.50	—	—	—	—	—	—	17	—	—	—	6	11	
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—	
PERSONS IN UNIT													
1 person	3 564	94	175	257	834	2 204	4 013	462	219	265	830	2 237	
2 persons	7 188	428	391	857	1 884	3 628	2 406	268	297	223	646	972	
3 persons	3 729	235	296	490	1 039	1 669	1 195	88	135	74	365	533	
4 persons	3 662	389	358	580	837	1 498	789	63	35	47	227	417	
5 persons	1 863	223	135	270	475	760	302	29	26	50	69	128	
6 or more persons	1 133	36	76	151	256	614	254	6	3	10	94	141	
Median	2.47	3.27	3.01	2.88	2.47	2.32	1.69	1.49	1.97	1.81	1.94	1.49	
Total persons	60 889	4 615	4 610	8 258	15 045	28 361	18 501	1 667	1 602	1 477	4 909	8 846	
UNITS IN STRUCTURE													
1, detached or attached	19 665	1 185	970	2 378	5 204	9 928	2 800	65	104	156	1 034	1 441	
2	299	—	9	29	48	213	1 160	48	22	48	318	724	
3 and 4	169	13	6	20	21	109	1 262	129	90	85	293	665	
5 to 9	106	—	—	9	14	83	1 407	155	76	127	364	685	
10 to 49	61	—	4	4	19	34	1 715	292	291	179	222	731	
50 or more	6	—	—	—	—	6	461	173	78	28	—	182	
Mobile home or trailer, etc.	833	207	442	165	19	—	154	54	46	—	—	—	
SELECTED CHARACTERISTICS													
Heating equipment	21 139	1 405	1 431	2 605	5 325	10 373	8 959	916	715	669	2 231	4 428	
Steam or hot water system	860	16	20	26	95	703	1 996	72	116	92	329	1 387	
Central warm-air furnace or electric heat pump	19 261	1 312	1 370	2 515	5 003	9 061	5 628	524	461	521	1 572	2 550	
Other built-in electric units	149	77	13	8	39	12	556	306	123	22	73	32	
Floor, wall, or pipeless furnace	323	—	6	27	78	212	270	8	7	13	83	159	
Other means	546	—	22	29	110	385	509	6	8	21	174	300	
Air conditioning	17 844	1 357	1 342	2 458	4 768	7 919	5 168	815	597	482	1 181	2 093	
Central system	10 005	1 269	1 150	2 075	2 780	2 731	1 928	647	384	301	361	235	
1 or more individual room units	7 839	88	192	383	1 988	5 188	3 240	168	213	181	820	1 858	
House heating fuel	21 139	1 405	1 431	2 605	5 325	10 373	8 959	916	715	669	2 231	4 428	
Utility gas	19 438	552	1 331	2 524	5 119	9 912	7 565	350	481	595	2 025	4 114	
Bottled, tank, or LP gas	216	7	19	40	62	88	113	—	15	22	19	57	
Electricity	1 067	839	76	28	78	46	989	559	203	48	115	64	
Fuel oil, kerosene, etc.	342	—	—	13	43	286	197	7	—	43	43	147	
Other	76	7	5	—	23	41	95	—	16	4	29	46	
Income in 1979 below poverty level	1 549	79	93	122	307	948	2 064	189	130	97	482	1 166	
Percent below poverty level	7.3	5.6	6.5	4.7	5.8	9.1	23.0	20.6	18.2	14.5	21.6	26.3	
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 994	67	110	128	381	1 308	2 105	210	117	119	412	1 247	
\$5,000 to \$9,999	2 980	38	118	138	675	2 011	2 573	188	196	163	732	1 294	
\$10,000 to \$12,499	1 268	29	47	129	291	772	988	68	88	66	251	515	
\$12,500 to \$14,999	1 410	64	96	111	373	766	754	85	73	150	373		
\$15,000 to \$19,999	3 446	212	210	408	910	1 706	1 143	151	107	115	317	453	
\$20,000 to \$24,999	3 180	267	261	462	887	1 303	626	100	27	44	191	264	
\$25,000 to \$34,999	4 041	365	348	639	1 037	1 652	502	41	65	62	141	193	
\$35,000 to \$49,999	1 793	250	147	383	437	576	154	45	15	11	25	58	
\$50,000 or more	1 027	113	94	207	334	279	114	28	27	16	12	31	
Median	\$19 246	\$25 476	\$22 725	\$24 165	\$20 175	\$15 912	\$9 558	\$12 206	\$11 264	\$11 989	\$9 821	\$8 187	
Mean	\$21 851	\$29 037	\$25 191	\$27 424	\$23 624	\$18 107	\$12 118	\$14 746	\$14 449	\$14 636	\$11 967	\$10 893	

Table B-8. Units in Structure for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sioux City city	Owner-occupied housing units				Renter-occupied housing units							
	Total	1 unit, detached or attached	2 or more units	Mobile home or trailer, etc.	Total	1 unit, detached or attached	2 units	3 and 4 units	5 to 9 units	10 to 49 units	50 or more units	Mobile home or trailer, etc.
Occupied housing units	21 139	19 665	641	833	8 959	2 800	1 160	1 262	1 407	1 715	461	154
Condominium housing units	67	54	13	—	53	29	—	13	—	11	—	—
HOUSEHOLD TYPE AND AGE OF HOUSEHOLDER												
Married-couple families	15 447	14 679	352	416	2 600	1 169	340	357	224	364	81	65
15 to 24 years	674	501	36	137	591	217	121	67	97	79	—	10
25 to 34 years	3 323	3 162	69	92	753	409	82	113	45	62	14	28
35 to 44 years	2 809	2 739	57	13	338	190	30	38	31	38	—	11
45 to 64 years	6 083	5 884	73	126	540	249	87	95	16	84	—	9
65 years and over	2 558	2 393	117	48	378	104	20	44	35	101	67	7
Male householder, no wife present	1 370	1 091	99	180	2 128	577	284	317	421	364	130	35
15 to 24 years	174	102	9	63	518	160	75	123	70	56	20	14
25 to 34 years	269	223	13	33	677	198	87	102	173	66	47	4
35 to 44 years	149	109	18	22	232	40	55	22	49	38	14	14
45 to 64 years	363	287	39	37	395	73	48	36	77	135	23	3
65 years and over	415	370	20	25	306	106	19	34	52	69	26	—
Female householder, no husband present	4 322	3 895	190	237	4 231	1 054	536	588	762	987	250	54
15 to 24 years	74	29	—	45	1 025	295	125	184	184	214	23	—
25 to 34 years	463	384	14	65	931	232	186	130	131	198	21	33
35 to 44 years	374	352	4	18	368	155	64	43	36	48	13	9
45 to 64 years	1 217	1 093	61	63	656	161	70	73	119	171	50	12
65 years and over	2 194	2 037	111	46	1 251	211	91	158	292	356	143	—
Median age	51.6	51.8	57.9	33.7	34.9	33.3	31.0	29.8	35.4	52.1	65.6	33.0
YEAR HOUSEHOLDER MOVED INTO UNIT												
1979 to March 1980	2 227	1 856	93	278	4 184	1 306	603	680	628	692	169	106
1975 to 1978	5 145	4 679	135	331	2 745	823	316	352	436	579	206	33
1970 to 1974	3 587	3 289	108	190	878	268	146	84	139	180	46	15
1960 to 1969	4 368	4 225	109	34	728	261	58	91	126	172	20	—
1959 or earlier	5 812	5 616	196	—	424	142	37	55	78	92	20	—
ROOMS												
1 room	11	5	6	—	233	11	10	27	67	100	18	—
2 rooms	21	16	5	—	824	76	24	139	187	337	61	—
3 rooms	419	305	62	52	2 183	227	157	494	561	499	236	9
4 rooms	3 207	2 613	151	443	2 477	658	372	358	414	549	66	60
5 rooms	5 979	5 539	183	257	1 990	924	417	175	151	202	66	55
6 rooms	4 715	4 537	113	65	866	568	150	60	20	24	14	30
7 or more rooms	6 787	6 650	121	16	386	336	30	9	7	4	—	—
Median	5.7	5.8	5.0	4.3	4.0	5.0	4.5	3.4	3.3	3.1	4.6	—
PLUMBING FACILITIES BY PERSONS PER ROOM												
Complete plumbing for exclusive use	21 078	19 629	616	833	8 744	2 800	1 147	1 226	1 324	1 639	454	154
0.50 or less	13 835	12 881	455	499	5 820	1 598	714	779	1 004	1 257	386	82
0.51 to 1.00	6 835	6 379	148	308	2 620	1 045	381	410	285	365	68	66
1.01 to 1.50	364	331	7	26	235	124	52	31	18	4	—	6
1.51 or more	44	38	6	—	69	33	—	6	17	13	—	—
Lacking complete plumbing for exclusive use	61	36	25	—	215	—	13	36	83	76	7	—
0.50 or less	56	31	25	—	93	—	13	9	43	21	7	—
0.51 to 1.00	5	5	—	—	105	—	—	22	34	49	—	—
1.01 to 1.50	—	—	—	—	17	—	—	5	6	6	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—	—
BEDROOMS												
None	24	18	6	—	622	33	10	85	177	261	56	—
1	877	673	137	67	3 370	454	312	719	765	855	262	3
2	7 371	6 502	301	568	3 488	1 324	632	387	409	522	114	100
3	8 767	8 438	145	184	1 190	723	183	71	56	77	29	51
4	3 338	3 302	22	14	248	225	23	—	—	—	—	—
5 or more	762	732	30	—	41	41	—	—	—	—	—	—
HOUSEHOLD INCOME IN 1979												
Less than \$5,000	1 994	1 769	83	142	2 105	518	222	338	428	432	134	33
\$5,000 to \$9,999	2 980	2 720	120	140	2 573	713	292	376	430	595	124	43
\$10,000 to \$12,499	1 268	1 154	36	78	988	344	117	104	153	192	59	19
\$12,500 to \$14,999	1 410	1 233	85	92	754	217	121	122	83	144	53	14
\$15,000 to \$19,999	3 446	3 173	94	179	1 143	436	176	158	134	185	27	—
\$20,000 to \$24,999	3 180	2 964	91	125	626	272	104	85	66	74	14	11
\$25,000 to \$34,999	4 041	3 931	51	59	502	207	111	50	46	61	20	7
\$35,000 to \$49,999	1 793	1 730	50	13	154	60	17	6	32	16	23	—
\$50,000 or more	1 027	991	31	5	114	33	—	23	35	16	7	—
Median	\$19 246	\$19 662	\$14 897	\$14 035	\$9 558	\$11 228	\$11 410	\$8 626	\$7 866	\$8 508	\$8 568	\$10 132
Mean	\$21 851	\$22 221	\$19 905	\$14 631	\$12 118	\$13 398	\$12 771	\$11 569	\$11 119	\$11 060	\$11 608	\$10 842
SELECTED CHARACTERISTICS												
Heating equipment	21 139	19 665	641	833	8 959	2 800	1 160	1 262	1 407	1 715	461	154
Steam or hot water system	860	776	79	5	1 996	107	118	280	460	836	195	—
Central warm-air furnace or electric heat pump	19 261	18 029	485	747	5 628	2 266	912	778	801	595	126	150
Other built-in electric units	149	108	14	27	556	77	10	61	75	201	132	—
Floor, wall, or pipeless furnace	323	269	23	31	270	117	45	49	31	28	—	4
Other means	546	483	40	23	509	233	75	94	40	55	8	4
Air conditioning	17 844	16 626	481	737	5 168	1 688	585	620	755	1 089	346	85
Control system	10 005	9 411	186	408	1 928	468	142	252	383	406	235	42
Vehicles available	19 578	18 274	546	758	6 647	2 351	923	914	955	1 098	263	143
1	6 918	6 225	286	407	4 424	1 314	568	633	742	855	219	93
2 or more	12 660	12 049	260	351	2 223	1 037	355	281	213	243	50	—
House heating fuel	21 139	19 665	641	833	8 959	2 800	1 160	1 262	1 407	1 715	461	154
Utility gas	19 438	18 118	575	745	7 565	2 581	1 069	1 055	1 151	1 290	269	150
Bottled, tank, or LP gas	216	204	6	6	113	55	16	5	7	26	—	4
Electricity	1 067	965	33	69	989	121	54	142	171	321	180	—
Fuel oil, kerosene, etc.	342	302	27	13	197	43	21	48	42	37	6	—
Other	76	76	—	—	95	—	12	36	41	6	6	—
Water heating fuel	21 134	19 660	641	833	8 937	2 800	1 160	1 262	1 399	1 701	461	154
Utility gas	19 256	17 959	600	697	7 466	2 590	1 047	994	1 118	1 314	282	121
Bottled, tank, or LP gas	347	341	6	—	198	82	17	11	44	40	—	4
Electricity	1 524	1 353	35	136	1 208	128	82	243	231	322	173	29
Fuel oil, kerosene, etc.	7	7	—	—	54	—	14	14	—	20	6	—
Other	—	—	—	—	11	—	—	—	6	5	—	—
Family householder	17 302	16 295	437	570	4 221	1 865	616	552	370	606	109	103
With own children under 18 years	8 604	8 119	151	334	2 581	1 296	427	299	198	276	78	—
With own children under 6 years	3 751	3 435	96	220	1 649	790	269	243	126	163	7	51
Female householder, no husband present	1 494	1 303	71	120	1 423	611	240	172	128	221	20	31
With own children under 18 years	752	650	7	95	1 192	550	194	147	103	160	7	31
With own children under 6 years	255	199	—	56	781	355	115	113	72	99	7	20
Nonfamily householder	3 837	3 370	204	263	4 738	935	544	710	1 037	1 109	352	51
Income in 1979 below poverty level	1 549	1 353	62	134	2 064	694	259	256	344	350	115	46
Percent below poverty level	7.3	6.9	9.7	16.1	23.0	24.8	22.3	20.3	24.4	20.4	24.9	29.9

Table B-9. Owner- and Renter-Occupied Housing Units by Size of Household: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sioux City city

	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 or more persons	Median	Total persons
Owner-occupied housing units	21 139	3 564	7 188	3 729	3 662	1 863	592	382	159	2.47	60 889
Nonrelatives present	562	—	220	92	90	89	29	28	14	3.16	1 959
ROOMS											
1 to 3 rooms	451	225	168	32	20	6	—	—	—	1.50	781
4 rooms	3 207	983	1 350	521	253	77	14	9	—	1.96	6 807
5 rooms	5 979	1 272	2 468	1 001	807	309	62	46	14	2.20	14 746
6 rooms	4 715	605	1 656	857	893	498	102	77	27	2.61	13 977
7 rooms	3 260	253	875	599	802	406	145	125	45	3.34	11 251
8 or more rooms	3 527	226	671	719	887	567	269	115	73	3.67	13 327
Median	5.7	5.0	5.3	5.9	6.3	6.6	7.3	6.9	7.4	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	21 078	3 535	7 165	3 725	3 657	1 863	592	382	159	2.48	60 781
1.00 or less	20 670	3 535	7 160	3 725	3 637	1 780	516	250	67	2.45	58 148
1.01 to 1.50	364	—	—	—	20	77	76	123	68	6.57	2 286
1.51 or more	44	—	5	—	—	6	—	9	24	7.64	347
Lacking complete plumbing for exclusive use	61	29	23	4	5	—	—	—	—	1.57	108
1.00 or less	61	29	23	4	5	—	—	—	—	1.57	108
1.01 to 1.50	—	—	—	—	—	—	—	—	—	—	—
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	19 665	3 152	6 653	3 477	3 518	1 781	554	371	159	2.51	56 993
2 or more	641	182	261	82	36	51	25	4	—	2.03	1 769
Mobile home or trailer, etc.	833	230	274	170	108	31	13	7	—	2.18	2 127
VALUE											
Specified owner-occupied housing units	18 485	2 955	6 240	3 292	3 325	1 668	524	335	146	2.51	53 344
Less than \$10,000	307	142	76	52	26	7	—	—	4	1.65	640
\$10,000 to \$19,999	1 957	531	839	217	177	140	35	18	—	2.03	4 175
\$20,000 to \$29,999	4 345	979	1 424	784	574	342	127	76	39	2.34	11 587
\$30,000 to \$39,999	4 476	729	1 558	827	752	343	110	125	32	2.47	12 851
\$40,000 to \$49,999	3 229	293	1 122	630	732	265	77	59	51	2.82	10 167
\$50,000 to \$59,999	1 809	153	460	383	478	234	69	22	10	3.26	5 925
\$60,000 to \$79,999	1 529	94	519	242	366	214	59	35	—	3.13	5 064
\$80,000 to \$99,999	406	12	104	61	134	68	21	—	6	3.69	1 470
\$100,000 to \$149,999	321	5	102	80	86	38	10	—	—	3.17	1 109
\$150,000 or more	106	17	36	16	—	17	16	—	4	2.50	356
Median	\$35 700	\$28 500	\$34 700	\$37 300	\$41 500	\$40 100	\$39 300	\$36 000	\$39 600	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	21 139	3 564	7 188	3 729	3 662	1 863	592	382	159	2.47	60 889
Median income	\$19 246	\$6 788	\$17 783	\$21 800	\$24 431	\$24 409	\$25 100	\$26 316	\$30 735	...	...
Median selected monthly owner costs as percentage of household income	17.5	26.9	14.7	16.6	18.0	17.7	19.9	16.5	13.1	...	...
With a mortgage	19.7	33.9	18.5	19.6	19.7	20.0	20.2	17.0	13.7	...	...
Not mortgaged	13.2	25.1	12.1	10—	10—	10—	12.5	10—	10—	...	...
Income in 1979 below poverty level	1 549	648	330	163	162	141	64	24	17	1.88	...
Median income	\$3 261	\$2 712	\$3 145	\$3 317	\$3 977	\$5 809	\$6 574	\$9 500	\$10 729	...	...
Median selected monthly owner costs as percentage of household income	50+	50+	50+	50+	50+	50+	50+	26.7	27.8	...	...
With a mortgage	50+	50+	50+	50+	50+	50+	50+	27.5	29.1	...	...
Not mortgaged	50+	50+	50+	50+	46.3	50+	—	19.2	12.5	...	...
Renter-occupied housing units	8 959	4 013	2 406	1 195	789	302	151	63	40	1.69	18 501
Nonrelatives present	1 067	—	558	234	210	33	20	8	4	2.46	2 928
ROOMS											
1 room	233	233	—	—	—	—	—	—	—	1.00	195
2 rooms	824	654	110	22	31	—	7	—	—	1.13	1 047
3 rooms	2 183	1 535	527	74	34	7	6	—	—	1.21	2 987
4 rooms	2 477	978	938	379	97	50	35	—	—	1.78	4 724
5 rooms	1 990	432	593	434	346	103	45	19	18	2.45	5 371
6 rooms	866	133	180	235	157	99	33	25	4	3.01	2 714
7 or more rooms	386	48	58	51	124	43	25	19	18	3.79	1 463
Median	4.0	3.2	4.1	4.8	5.2	5.4	5.1	6.0	6.0	...	...
PLUMBING FACILITIES BY PERSONS PER ROOM											
Complete plumbing for exclusive use	8 744	3 848	2 384	1 179	777	302	151	63	40	1.72	18 231
1.00 or less	8 440	3 848	2 384	1 168	718	245	58	19	—	1.66	16 558
1.01 to 1.50	235	—	—	11	28	50	80	44	22	5.86	1 311
1.51 or more	69	—	—	—	31	7	13	—	18	5.00	362
Lacking complete plumbing for exclusive use	215	165	22	16	12	—	—	—	—	1.15	270
1.00 or less	198	165	22	5	6	—	—	—	—	1.10	209
1.01 to 1.50	17	—	—	11	6	—	—	—	—	3.27	61
1.51 or more	—	—	—	—	—	—	—	—	—	—	—
UNITS IN STRUCTURE											
1, detached or attached	2 800	694	748	538	467	169	106	48	30	2.44	7 689
2	1 160	401	322	236	124	32	33	8	4	2.06	2 627
3 and 4	1 262	571	425	173	63	16	8	—	6	1.64	2 380
5 to 9	1 407	932	301	89	58	20	—	7	—	1.25	2 052
10 to 49	1 715	1 049	453	116	57	36	4	—	—	1.32	2 639
50 or more	461	319	129	13	—	—	—	—	—	1.22	629
Mobile home or trailer, etc.	154	47	28	30	20	29	—	—	—	2.57	485
GROSS RENT											
Specified renter-occupied housing units	8 868	4 001	2 373	1 179	772	292	148	63	40	1.68	18 131
Less than \$100	523	462	46	11	4	—	—	—	—	1.07	550
\$100 to \$149	1 140	816	261	38	10	—	15	—	—	1.20	1 400
\$150 to \$199	2 078	1 234	442	229	100	34	24	7	8	1.34	3 646
\$200 to \$249	1 762	625	525	313	160	102	33	—	4	1.99	4 029
\$250 to \$299	1 354	399	463	239	169	31	20	22	11	2.10	3 172
\$300 to \$349	936	200	309	181	156	51	26	6	7	2.37	2 289
\$350 to \$399	458	65	135	93	65	67	13	20	—	2.81	1 351
\$400 to \$449	248	35	99	40	42	5	9	8	10	2.40	841
\$500 or more	108	34	26	19	19	2	8	—	—	2.27	300
No cash rent	261	131	67	16	47	—	—	—	—	1.50	553
Median	\$216	\$174	\$239	\$249	\$274	\$273	\$260	\$321	\$293	...	...
SELECTED CHARACTERISTICS											
All income levels in 1979	8 959	4 013	2 406	1 195	789	302	151	63	40	1.69	18 501
Median income	\$9 558	\$6 833	\$13 467	\$12 442	\$13 569	\$9 914	\$14 716	\$11 681	\$6 875	...	...
Median gross rent as percentage of household income	26.1	28.8	21.7	25.8	24.1	31.1	18.7	35.2	48.0	...	...
Income in 1979 below poverty level	2 064	910	378	337	239	125	41	12	22	1.82	...
Median income	\$3 545	\$2 796	\$3 298	\$4 460	\$5 929	\$8 092	\$2500—	\$2500—	\$2500—	...	...
Median gross rent as percentage of household income	50+	50+	50+	50+	50+	50+	23.3	50+	50+	...	...

Table B-10. Household Composition and Age of Householder for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample; see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see Appendixes A and B.]

Sioux City city		Married-couple families										Female householder, no husband present									
		15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Median age				
Total	21 139	674	3 323	2 309	6 033	2 558	174	269	149	363	415	74	463	374	1 217	2 194	51.6				
Owner-occupied housing units	21 078	674	3 323	2 309	6 033	2 558	174	269	149	363	415	74	463	374	1 217	2 163	51.5				
PERSONS IN UNIT																					
1 person	3 564	7	188	2 29	1 154	1 154	1 115	1 084	2 175	83	86	173	65	210	293	36	84	749	1 783	68.1	
2 persons	7 188	2 05	617	1 67	2 768	2 167	1 463	1 463	5	14	14	99	49	88	288	10	99	77	360	60.2	
3 persons	3 729	2 29	962	1 362	2 83	2 83	2 83	2 83	52	42	11	11	27	24	7	125	54	46	33	46.0	
4 persons	1 662	1 154	1 115	1 084	974	974	974	974	42	42	6	8	8	8	—	36	44	50	18	38.6	
5 persons	1 863	1 31	444	727	475	475	475	475	—	—	—	—	—	—	—	—	29	34	34	18	41.5
6 or more persons	1 133	1 31	185	459	403	403	403	403	6	6	1 28	1 28	1 28	1 28	1 28	1 54	1 31	1 31	1 31	1 31	41.5
Median	2 427	1 254	3 57	4 31	2 68	2 68	2 68	2 68	2 09	2 09	2 75	2 75	2 75	2 75	2 75	564	564	564	564	564	41.5
Total persons	60 889	1 915	12 495	12 496	18 726	18 726	18 726	18 726	—	—	—	—	—	—	—	1 475	1 475	1 475	1 475	1 475	41.5
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use	21 078	674	3 323	2 309	6 033	2 558	174	269	149	363	401	74	463	374	1 217	2 163	51.5				
1.01 or more persons per room	408	—	103	181	124	5	7	—	—	—	—	—	—	—	—	—	—	—	—	41.4	
Locking complete plumbing for exclusive use	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	79.1	
1.01 or more persons per room	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified owner-occupied housing units	18 485	4 86	3 082	2 525	5 437	2 258	92	210	160	226	243	274	95	274	29	368	337	1 047	1 902	51.8	
With a mortgage	10 896	4 58	2 947	2 262	2 266	349	50	44	18	29	25	25	22	22	6	38	44	428	126	39.8	
Less than 15 percent	3 194	17	492	669	711	73	44	26	9	34	6	6	36	36	—	47	47	—	47	47.5	
15 to 19 percent	3 344	111	632	598	762	44	4	13	27	21	18	15	34	6	35	36	41	86	47	39.4	
20 to 24 percent	1 932	119	765	452	300	65	11	15	15	15	15	15	15	15	—	26	26	14	23	35.2	
25 to 29 percent	1 210	116	484	225	176	43	50	22	41	10	4	13	12	12	—	143	111	202	82	34.0	
30 to 34 percent	1 428	18	279	155	155	222	74	—	—	—	—	—	—	—	—	50	50	31.1	20.7	34.8	
35 percent or more	62	5	13	13	13	13	—	—	—	—	—	—	—	—	—	7	10	6	8	36.7	
Not computed	19.7	24.2	22.3	18.8	14.6	28.6	21.2	23.3	20.0	50.1	50	50	13	148	30.1	28.7	33.3	49.5	49.5	49.5	
Median	7 589	28	135	213	1 271	1 909	42	50	30	5	53	53	53	53	—	47	70	619	1 776	65.9	
Less than 10 percent	2 788	21	75	213	1 421	574	24	30	5	53	53	53	53	53	—	17	128	179	179	64.7	
10 to 14 percent	1 525	7	36	39	424	505	11	8	8	65	65	65	65	65	—	44	44	44	210	210	
15 to 19 percent	972	15	15	134	365	365	—	6	6	7	7	7	7	7	—	8	8	8	121	71.0	
20 to 24 percent	593	—	—	35	215	215	—	—	—	9	9	9	9	9	—	55	55	55	81	72.3	
25 to 29 percent	405	—	—	—	78	78	7	7	7	6	6	6	6	6	—	47	47	47	47	72.8	
30 to 34 percent	322	—	—	—	12	76	—	—	—	10	10	10	10	10	—	16	16	16	26	71.1	
35 percent or more	943	—	9	4	94	96	—	—	—	10	10	10	10	10	—	13	13	13	74	71.7	
Not computed	41	—	10	—	10	—	13.8	10	—	10.9	12.2	12.2	12.2	12.2	—	23.5	23.5	23.5	8	62.8	
Median	13.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	33.2	33.2	33.2	16.5	25.1	
Renter-occupied housing units	8 959	501	753	338	540	378	518	677	232	395	306	1 025	931	368	656	1 251	34.9	—	—	—	
PERSONS IN UNIT																					
1 person	4 013	—	245	220	290	—	271	494	159	328	277	389	277	389	95	379	379	455	1 166	54.4	
2 persons	2 406	195	202	201	75	113	51	30	8	28	29	357	29	29	92	117	117	65	30.4		
3 persons	789	122	183	96	55	37	31	42	20	—	—	—	70	85	57	35	35	36	28.7		
4 persons	302	19	96	53	68	7	—	3	3	—	—	—	27	35	17	13	13	15	29.9		
5 persons	234	33	53	53	68	8	7	—	—	—	—	—	8	21	25	25	25	32.6			
6 or more persons	1 69	2 75	3 28	2 43	2 04	1 46	1 46	1 49	1 19	1 23	1 05	1 85	1 85	1 85	1 85	2 47	2 47	2 47	1 04	35.6	
Median	18 501	1 715	2 682	1 394	1 506	816	937	937	447	363	318	2 062	2 062	2 062	2 062	2 062	897	897	897	395	395
PLUMBING FACILITIES BY PERSONS PER ROOM																					
Complete plumbing for exclusive use	8 744	586	742	338	534	378	499	677	226	343	278	1 004	925	925	925	347	347	656	1 211	34.6	
1.01 or more persons per room	304	61	11	—	6	—	19	—	6	52	28	21	6	21	6	—	34	4	8	33.8	
Locking complete plumbing for exclusive use	215	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	40	—	32.9	
1.01 or more persons per room	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
GROSS RENT AS PERCENTAGE OF HOUSEHOLD INCOME IN 1979																					
Specified renter-occupied housing units	8 868	1 447	1 47	1 79	110	163	563	675	232	389	294	1 020	923	923	923	368	368	654	1 251	34.9	
Less than 15 percent	1 406	1 06	202	70	106	65	90	142	31	77	32	86	54	54	54	18	18	49	96	35.3	
15 to 19 percent	1 183	92	97	44	76	84	76	76	27	19	36	36	154	154	154	6	6	74	122	36.1	
20 to 24 percent	871	62	86	7	41	33	47	30	13	14	27	27	135	135	135	59	59	106	171	36.1	
25 to 29 percent	697	61	48	12	42	23	35	34	6	48	107	107	66	66	66	22	22	90	91	34.8	
30 to 34 percent	320	55	74	39	33	46	68	45	3	58	53	53	160	160	160	109	109	82	282	34.6	
35 to 49 percent	1 539	53	35	22	12	44	15	18	36	23	51	51	245	245	245	13	13	25	70	52.4	
50 percent or more	402	—	—	—	—	—	—	—	—	—	45	45	37	37	37	13	13	26	31.4	33.8	
Median	26.1	27.2	19.5	18.6	18.6	18.6	22.6	24.7	19.9	19.4	29.5	29.5	32.6	32.6	32.6	30.5	30.5	30.5	30.5	33.8	

Table B-11. Age and Sex of Householder in One-Person Households for Owner- and Renter-Occupied Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

Sioux City city

	Male householder						Female householder						
	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Total	15 to 24 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	
Owner-occupied housing units	3 564	827	86	173	65	210	293	2 737	36	85	84	749	1 783
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 535	813	86	173	65	210	279	2 722	36	85	84	749	1 768
Lacking complete plumbing for exclusive use	29	14	—	—	—	—	14	15	—	—	—	—	15
UNITS IN STRUCTURE													
1, detached or attached	3 152	630	46	139	37	150	258	2 522	20	59	77	692	1 674
2 or more	182	80	4	13	18	35	10	102	—	14	—	25	63
Mobile home or trailer, etc.	230	117	36	21	10	25	25	113	16	12	7	32	46
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 290	184	22	21	5	32	104	1 106	7	10	14	183	892
\$5,000 to \$9,999	1 198	210	17	15	—	30	148	988	23	16	39	275	635
\$10,000 to \$12,499	271	72	13	16	6	27	10	199	—	20	8	77	94
\$12,500 to \$14,999	194	54	4	21	—	24	5	140	—	16	18	65	41
\$15,000 to \$19,999	300	129	11	37	33	34	14	171	6	16	5	84	60
\$20,000 to \$24,999	166	103	19	47	5	26	6	63	—	7	—	39	17
\$25,000 to \$34,999	87	45	—	10	—	29	6	42	—	—	—	18	24
\$35,000 to \$49,999	14	6	—	6	—	—	—	8	—	—	—	8	—
\$50,000 or more	44	24	—	—	16	8	—	20	—	—	—	—	20
Median	\$6 788	\$10 677	\$10 769	\$16 776	\$17 604	\$14 167	\$6 107	\$6 227	\$6 833	\$12 062	\$9 141	\$8 821	\$4 998
Mean	\$9 393	\$13 574	\$11 283	\$16 090	\$32 209	\$15 408	\$7 313	\$8 129	\$7 716	\$12 319	\$9 423	\$10 182	\$7 015
MORTGAGE STATUS AND SELECTED MONTHLY OWNER COSTS													
Specified owner-occupied housing units	2 955	575	41	126	33	137	238	2 380	20	59	65	671	1 565
With a mortgage	738	250	36	107	33	55	19	488	20	59	34	261	114
Less than \$200	133	5	—	—	5	—	—	128	6	14	6	56	46
\$200 to \$249	118	32	—	14	5	6	7	86	—	10	—	63	13
\$250 to \$299	163	55	—	28	—	21	6	108	—	17	—	57	34
\$300 to \$349	63	15	4	6	5	—	—	48	7	6	12	10	13
\$350 to \$399	92	55	21	27	7	—	—	37	7	6	11	13	—
\$400 to \$499	93	49	11	22	10	—	6	44	—	—	—	44	—
\$500 to \$599	57	31	—	10	6	15	—	26	—	6	—	12	8
\$600 to \$749	19	8	—	—	8	—	—	11	—	—	5	6	—
\$750 or more	—	—	—	—	—	—	—	—	—	—	—	—	—
Median	\$286	\$366	\$383	\$360	\$396	\$289	\$271	\$264	\$329	\$266	\$346	\$260	\$242
Not mortgaged	2 217	325	5	19	—	82	219	1 892	—	—	31	410	1 451
Less than \$50	5	5	—	—	—	5	—	—	—	—	—	—	—
\$50 to \$74	166	30	—	—	—	5	25	136	—	—	—	14	122
\$75 to \$99	406	56	—	5	—	12	39	350	—	—	15	57	278
\$100 to \$124	651	77	5	10	—	30	32	574	—	—	12	124	438
\$125 to \$149	471	63	—	—	—	12	51	408	—	—	4	86	318
\$150 to \$199	293	49	—	—	—	17	32	244	—	—	—	83	161
\$200 to \$249	134	24	—	4	—	—	20	110	—	—	—	26	84
\$250 or more	91	21	—	—	6	15	70	—	—	—	20	50	—
Median	\$120	\$123	\$113	\$111	—	\$120	\$129	\$120	—	—	\$101	\$128	\$119
SELECTED CHARACTERISTICS													
Median selected monthly owner costs as percentage of household income in 1979	26.9	25.5	28.4	24.5	26.5	18.3	27.6	27.5	50+	32.2	22.5	24.3	28.7
With a mortgage	33.9	26.2	29.5	23.8	26.5	25.1	50+	40.4	50+	32.2	34.3	40.1	50+
Not mortgaged	25.1	24.6	10—	50+	—	13.5	27.2	25.2	—	—	14.8	19.7	27.6
Income in 1979 below poverty level	648	97	8	21	5	18	45	551	7	6	7	129	402
Percent below poverty level	18.2	11.7	9.3	12.1	7.7	8.6	15.4	20.1	19.4	7.1	8.3	17.2	22.5
Renter-occupied housing units	4 013	1 529	271	494	159	328	277	2 484	389	379	95	455	1 166
PLUMBING FACILITIES													
Complete plumbing for exclusive use	3 848	1 441	263	494	159	276	249	2 407	373	379	74	455	1 126
Lacking complete plumbing for exclusive use	165	88	8	—	52	52	28	77	16	—	21	—	40
UNITS IN STRUCTURE													
1, detached or attached	694	335	74	104	21	47	89	359	47	21	23	80	188
2	401	168	38	43	35	33	19	233	62	69	5	27	70
3 and 4	571	219	68	82	11	24	34	352	65	62	11	61	153
5 to 9	932	354	36	158	38	77	45	578	91	83	26	92	286
10 to 49	1 049	332	40	62	38	128	64	717	116	110	13	145	333
50 or more	319	97	5	41	6	19	26	222	8	21	13	44	136
Mobile home or trailer, etc.	47	24	10	4	10	—	—	23	—	13	4	6	—
HOUSEHOLD INCOME IN 1979													
Less than \$5,000	1 398	459	62	106	48	132	111	939	109	51	33	156	590
\$5,000 to \$9,999	1 378	450	97	91	46	94	122	928	196	136	28	199	369
\$10,000 to \$12,499	520	236	72	111	—	47	6	284	45	103	—	44	92
\$12,500 to \$14,999	276	130	16	94	—	14	6	146	32	57	6	11	40
\$15,000 to \$19,999	270	143	24	55	27	21	16	127	7	32	28	24	36
\$20,000 to \$24,999	46	29	—	19	6	—	4	17	—	—	—	17	—
\$25,000 to \$34,999	60	42	—	9	27	6	—	18	—	—	—	6	12
\$35,000 to \$49,999	21	11	—	—	5	6	—	10	—	—	—	10	—
\$50,000 or more	44	29	—	9	8	12	15	15	—	—	—	5	10
Median	\$6 833	\$7 862	\$8 750	\$11 126	\$6 921	\$6 231	\$6 146	\$6 380	\$7 159	\$10 061	\$6 648	\$6 568	\$4 965
Mean	\$8 599	\$9 992	\$8 252	\$10 824	\$12 390	\$9 069	\$9 930	\$7 742	\$7 120	\$9 588	\$8 344	\$8 442	\$7 027
GROSS RENT													
Specified renter-occupied housing units	4 001	1 519	266	492	159	328	274	2 482	389	379	95	453	1 166
Less than \$100	462	159	9	19	15	81	35	303	29	—	—	24	250
\$100 to \$149	816	340	26	70	50	118	76	476	86	54	25	132	179
\$150 to \$199	1 234	480	114	178	51	71	66	754	123	141	12	155	323
\$200 to \$249	625	227	72	73	24	41	41	398	87	78	18	73	142
\$250 to \$299	399	153	38	82	13	7	13	246	56	71	4	29	86
\$300 to \$349	200	87	7	53	—	16	11	113	4	28	23	11	47
\$350 to \$399	65	—	—	—	—	—	—	65	—	—	—	7	58
\$400 to \$499	35	16	—	—	—	—	16	19	—	7	—	—	12
\$500 or more	34	22	—	9	—	13	—	12	—	—	—	—	12
No cash rent	131	35	—	8	6	5	16	96	4	—	13	22	57
Median	\$174	\$170	\$196	\$178	\$155	\$141	\$164	\$177	\$184	\$198	\$206	\$174	\$167
SELECTED CHARACTERISTICS													
Median gross rent as percentage of household income in 1979	28.8	24.4	27.3	21.6	20.5	23.8	31.0	30.8	32.0	26.5	27.7	30.7	34.6
Income in 1979 below poverty level	910	353	57	101	35	84	76	557	61	29	33	116	318
Percent below poverty level	22.7	23.1	21.0	20.4	22.0	25.6	27.4	22.4	15.7	7.7	34.7	25.5	27.3

Table B-12. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and B]

Sioux City city

	Total	Less than 2 months	2 up to 6 months	6 or more months	Sioux City city				Total	Less than 2 months	2 up to 6 months	6 or more months
Vacant for sale only housing units	451	156	120	175	Vacant for rent housing units	981	454	358	169			
ROOMS					ROOMS							
1 to 3 rooms	155	7	24	124	1 room	54	41	—	13			
4 rooms	47	25	9	13	2 rooms	173	85	29	59			
5 rooms	76	52	18	6	3 rooms	231	81	107	43			
6 rooms	125	43	59	23	4 rooms	263	141	106	16			
7 rooms	17	9	4	4	5 rooms	199	76	103	20			
8 or more rooms	31	20	6	5	6 rooms	20	7	13	—			
Median	4.8	5.4	5.7	2.3	7 or more rooms	41	23	—	18			
					Median	3.6	3.6	3.9	2.8			
PLUMBING FACILITIES					PLUMBING FACILITIES							
Complete plumbing for exclusive use	451	156	120	175	Complete plumbing for exclusive use	912	423	347	142			
Lacking complete plumbing for exclusive use	—	—	—	—	Lacking complete plumbing for exclusive use	69	31	11	27			
BEDROOMS					BEDROOMS							
None	—	—	—	—	None	144	98	5	41			
1	150	7	16	127	1	374	136	161	77			
2	131	71	47	13	2	323	144	149	30			
3	122	61	39	22	3	119	64	43	12			
4	43	17	18	8	4	21	12	—	9			
5 or more	5	—	—	5	5 or more	—	—	—	—			
YEAR STRUCTURE BUILT					YEAR STRUCTURE BUILT							
1975 to March 1980	25	16	9	—	1975 to March 1980	86	50	27	9			
1970 to 1974	14	10	4	—	1970 to 1974	20	9	5	6			
1960 to 1969	19	4	8	7	1960 to 1969	61	28	33	—			
1950 to 1959	72	44	24	4	1950 to 1959	84	34	34	16			
1940 to 1949	174	42	14	118	1940 to 1949	111	66	36	9			
1939 or earlier	147	40	61	46	1939 or earlier	619	267	223	129			
UNITS IN STRUCTURE					UNITS IN STRUCTURE							
1, detached or attached	303	134	120	49	1, detached or attached	289	116	120	53			
2 or more	148	22	—	126	2	126	57	48	21			
Mobile home or trailer	—	—	—	—	3 and 4	123	71	44	8			
HEATING EQUIPMENT					5 to 9	169	79	49	41			
Central heating system	442	153	114	175	10 to 49	172	83	52	37			
Other means	9	3	6	—	50 or more	33	19	5	9			
None	—	—	—	—	Mobile home or trailer	69	29	40	—			
PRICE ASKED					RENT ASKED							
Specified vacant for sale only housing units	303	134	120	49	Specified vacant for rent housing units	981	454	358	169			
Less than \$10,000	—	—	—	—	Less than \$100	88	37	22	29			
\$10,000 to \$19,999	18	—	14	4	\$100 to \$149	321	166	107	48			
\$20,000 to \$29,999	82	25	42	15	\$150 to \$199	320	109	156	55			
\$30,000 to \$39,999	64	30	31	3	\$200 to \$249	129	62	55	12			
\$40,000 to \$49,999	70	36	25	9	\$250 to \$299	100	70	9	21			
\$50,000 to \$59,999	23	5	—	18	\$300 to \$399	19	10	5	4			
\$60,000 to \$79,999	46	38	8	—	\$400 or more	4	—	4	—			
\$80,000 to \$99,999	—	—	—	—	Median	\$157	\$157	\$159	\$153			
\$100,000 or more	—	—	—	—								
Median	\$37 500	\$42 400	\$30 800	\$46 400								

Table B-13. Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1980

[Data are estimates based on a sample, see Introduction. For meaning of symbols, see Introduction. For definitions of terms, see appendixes A and 8]

Sioux City city

	Price asked—Specified vacant for sale only housing units						Rent asked—Specified vacant for rent housing units							
	Total	Less than \$10,000	\$10,000 to \$29,999	\$30,000 to \$49,999	\$50,000 to \$99,999	\$100,000 or more	Median (dollars)	Total	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 or more	Median (dollars)
Total	303	—	100	134	69	—	37 500	981	88	641	229	19	4	157
PLUMBING FACILITIES														
Complete plumbing for exclusive use	303	—	100	134	69	—	37 500	912	58	602	229	19	4	160
Lacking complete plumbing for exclusive use	—	—	—	—	—	—	—	69	30	39	—	—	—	108
BEDROOMS														
None	—	—	—	—	—	—	—	144	25	119	—	—	—	123
1	25	—	25	—	—	—	23 200	374	40	300	34	—	—	152
2	118	—	46	40	32	—	32 600	323	16	166	123	14	4	184
3	117	—	22	68	27	—	40 200	119	7	49	58	5	—	203
4	43	—	7	26	10	—	44 800	21	—	7	14	—	—	217
5 or more	—	—	—	—	—	—	—	—	—	—	—	—	—	—
YEAR STRUCTURE BUILT														
1975 to March 1980	18	—	5	—	13	—	75 000	86	4	4	55	19	4	263
1970 to 1974	14	—	—	4	10	—	63 800	20	—	20	—	—	—	183
1960 to 1969	19	—	4	11	4	—	46 600	61	6	39	16	—	—	150
1950 to 1959	65	—	19	28	18	—	34 200	84	15	44	25	—	—	174
1940 to 1949	62	—	10	31	21	—	45 500	111	7	77	27	—	—	154
1939 or earlier	125	—	62	60	3	—	30 100	619	56	457	106	—	—	148
UNITS IN STRUCTURE														
1, detached or attached	303	—	100	134	69	—	37 500	289	20	182	87	—	—	169
2 or more	•••	•••	•••	•••	•••	•••	•••	623	52	420	128	19	4	153
Mobile home or trailer	•••	•••	•••	•••	•••	•••	•••	69	16	39	14	—	—	184

Appendix A.—Area Classifications

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REGIONS

Regions are large groups of States that form the first-order subdivisions of the United States for census purposes. The four regions are the Northeast, North Central, South, and West.

STATES

The 50 States and the District of Columbia are the constituent units of the United States.

PLACES

Two types of places are recognized in the census reports—incorporated places and census designated places—as defined below. Places with a 1980 population below 50,000 are not shown in this report unless they are central cities of standard metropolitan statistical areas.

Incorporated Places

Incorporated places recognized in the reports of the census are those which are incorporated under the laws of their respective States as cities, boroughs, towns, and villages, with the following exceptions: boroughs in Alaska and New York, and towns in the six

New England States, New York, and Wisconsin.

Census Designated Places

As in the 1950, 1960, and 1970 censuses, the Census Bureau has delineated boundaries for closely settled population centers without corporate limits. In 1980, the name of each such place is followed by "(CDP)," meaning "census designated place." In the 1970 and earlier censuses, these places were identified by "(U)," meaning "unincorporated place."

Census designated place boundaries change with changes in the settlement pattern; a place which has the same name as in previous censuses does not necessarily have the same boundaries. Boundary outlines for CDP's appear on the county subdivision maps in the HC80-1-A, *General Housing Characteristics*, reports for States. Detailed maps are available for purchase from the Census Bureau.

Eleven states, (Connecticut, Maine, Massachusetts, Michigan, New Hampshire, New York, New Jersey, Pennsylvania, Rhode Island, Vermont, and Wisconsin), contain towns or townships which are coextensive with census designated places (CDP's). Data for these areas are not shown in the tables.

STANDARD METROPOLITAN STATISTICAL AREAS

Definition

The general concept of a metropolitan area is one of a large population nucleus, together with adjacent communities which have a high degree of economic and social integration with that nucleus. The standard metropolitan statistical area (SMSA) classification is a statistical standard, developed for use by Federal agencies in the production, analysis, and publication of data on metropolitan areas. The SMSA's are designated and defined

by the Office of Management and Budget, following a set of official published standards developed by the interagency Federal Committee on Standard Metropolitan Statistical Areas.

Each SMSA has one or more central counties containing the area's main population concentration: an urbanized area with at least 50,000 inhabitants. An SMSA may also include outlying counties which have close economic and social relationships with the central counties. The outlying counties must have a specified level of commuting to the central counties and must also meet certain standards regarding metropolitan character, such as population density, urban population, and population growth. In New England, SMSA's are composed of cities and towns rather than whole counties.

The housing units in SMSA's may also be referred to as the metropolitan housing and are subdivided into "inside central city (or cities)" and "outside central city (or cities)." The housing units outside SMSA's constitute the non-metropolitan housing.

In the United States Summary report and the State reports, the data shown for "Central Cities of SMSA's" are the sum of all central cities excluding any rural area and any legal area that is outside of a standard metropolitan statistical area. In the individual SMSA reports, the data shown for central cities and places of 50,000 or more inhabitants are for the legal definition of the city without regard to urban or SMSA restrictions.

SMSA Titles

Each SMSA except one (Nassau-Suffolk, N.Y.) has at least one central city. The titles of SMSA's include up to three city names, as well as the name of each State into which the SMSA extends. For the 1980 census, central cities of SMSA's are those named in the titles of the SMSA's,

with the exception of Nassau-Suffolk, N.Y., which has no central city, and Northeast Pennsylvania, the central cities of which are Scranton, Wilkes-Barre, and Hazleton. Data on central cities of SMSA's include the entire population and housing within the legal city boundaries. In Hawaii where there are no incorporated places recognized by the Bureau of the Census, census designated places are recognized as central cities.

New SMSA Standards

New standards for designating and defining metropolitan statistical areas were published in the *Federal Register* on January 3, 1980. The SMSA's recognized for the 1980 census comprise (1) all areas as defined on January 1, 1980, except for one area which was defined provisionally during the 1970's on the

basis of population estimates but whose qualification was not confirmed by 1980 census counts; and (2) a group of 36 new areas defined on the basis of 1980 census counts and the new standards that were published on January 3, 1980.

When the data on commuting flows become available from 1980 census tabulations, the new standards will be applied to the areas existing on January 1, 1980, and the boundaries, definitions, and titles for all SMSA's will be reviewed.

To aid users who want to become familiar with the SMSA standards and how they are applied, documents are available from the Office of Management and Budget, Washington, D.C. 20503.

BOUNDARY CHANGES

The boundaries of some of the areas shown in this series of reports have

changed between an earlier census and January 1, 1980. Information on boundary changes for incorporated places is presented in table 4 of the 1980 Census of Population report, *Characteristics of the Population, Number of Inhabitants, PC80-1-A*. For information on boundary changes prior to 1970, see the *Number of Inhabitants* report for each census.

AREA MEASUREMENT

Area measurement figures for standard metropolitan statistical areas, central cities, and places of 50,000 inhabitants or more can be found in the 1980 Census of Population report, PC80-1-A1, United States Summary.

Appendix B.—Definitions and Explanations of Subject Characteristics

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GENERAL

The 1980 census was conducted primarily through self-enumeration. The principal

determinant for the responses was, therefore, the questionnaire and its accompanying instruction guide. Furthermore, census takers were instructed, in their telephone and personal-visit interviews, to read the questions directly from the questionnaire. The definitions and explanations given below for each subject are drawn largely from various technical and procedural materials used in the collection of the data. These materials helped the census interviewers to understand more fully the intent of each question, and thus to resolve problems or unusual cases in a manner consistent with this intent. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Facsimiles of the questionnaire pages containing the population and housing questions used to produce the data shown in this report and the pages of the respondent instruction guide which relate to these questions are presented in Appendix E, "Facsimiles of Respondent Instructions and Questionnaire Pages."

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house, mobile home or trailer). However, living quarters may also be in structures intended for non-residential use (e.g., the rooms in a warehouse where a night guard lives), as well as in boats, tents, vans, etc.

Housing Units—A housing unit is a house, an apartment, a group of rooms, or a single room occupied as a separate living quarters or, if vacant, intended for occupancy as a separate living quarters. Separate living quarters are those in which the occupants live and eat separately from

any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the next section on Group Quarters). For vacant units, the criteria of separateness and direct access are applied to the intended occupants whenever possible. If that information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing unit inventory except that boats, tents, vans, caves, and the like are included only if they are occupied as someone's usual place of residence. Vacant mobile homes are included, provided they are intended for occupancy on the site where they stand. Vacant mobile homes on dealers' sales lots, at the factory, or in storage are excluded from the housing inventory.

Comparability With 1970 Census Housing Unit Data—Although the 1980 census data are generally comparable with 1970 census data, certain changes were introduced for 1980. The part of the 1970 housing unit definition that required a unit to have either (1) direct access or (2) complete kitchen facilities was modified. For 1980, the complete kitchen facilities alternative was dropped, and direct access was required of all housing units. In 1970, vacant mobile homes were not counted as housing units. For 1980, they were included in the housing inventory provided they were intended for occupancy on the site where they stood.

Group Quarters—Group quarters are any living quarters which are not classified as housing units. There are two types of group quarters: (1) institutional group quarters, and (2) noninstitutional group quarters. Institutional group quarters are living quarters occupied by one or more persons under care or custody, such as children in an orphanage, persons in a nursing home, and prisoners in a penitentiary. Noninstitutional group quarters include living quarters such as college-owned and/or operated dormitories, fraternity and sorority houses, nurses' dormitories, and boarding houses. In addition, noninstitutional group quarters include any living

quarters (other than those classified as institutional group quarters) which are occupied by 9 or more persons unrelated to the householder (person listed in column 1 of the census questionnaire), or by 10 or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Comparability With 1970 Census Group Quarters Data—In 1970 a unit was classified as group quarters if it was shared by the person in charge and five or more persons unrelated to him or her, or if there was no person in charge, by six or more unrelated persons. For 1980 that requirement was raised to 9 or more persons unrelated to the person listed in column 1 of the census questionnaire or 10 or more unrelated persons.

Rules for Hotels, Rooming Houses, Etc.—Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or who have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have direct access, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain eight or fewer roomers unrelated to the householder, they are classified as one housing unit. If the combined quarters contain nine or more roomers unrelated to the householder or person in charge, they are classified as group quarters.

Staff Living Quarters—The living quarters occupied by staff personnel within any group quarters are separate housing units if they satisfy the housing unit criteria of separateness and direct access; otherwise, they are considered as group quarters.

Year-Round Housing Units—Data on housing characteristics in the 1980 census reports are limited to year-round housing units; i.e., all occupied units plus vacant

units available or intended for year-round use. Vacant units intended for seasonal occupancy and vacant units held for migratory labor are excluded because of the difficulty of obtaining reliable data on their characteristics.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied Housing Units—A housing unit is classified as occupied if it is the usual place of residence of the person or group of persons living in it at the time of enumeration, or if the occupants are only temporarily absent; e.g., away on vacation. If all the persons staying in the unit at the time of the census have their usual place of residence elsewhere, the unit is classified as vacant. A household includes all the persons who occupy a housing unit as their usual place of residence. By definition, therefore, the number of occupied housing units equals the number of households in the 1980 Census of Population reports.

In this report the numbers shown for occupied housing units are estimates based on a sample. In some cases there may be small differences between figures on occupied housing units shown here and comparable figures on households in the Census of Population reports. These differences may result from processing procedures used to inflate the population and housing sample data.

Householder—One person in each household is designated as the "householder." In most cases, this is the person, or one of the persons, in whose name the home is owned or rented and who is listed in column 1 of the census questionnaire. If there is no such person in the household, any adult household member could be designated as the "householder."

Child—A child is a son, daughter, stepchild, or adopted child of the householder regardless of the child's age or marital status. The category excludes sons-in-law and daughters-in-law. In this report, those classified as "own children" are sons and daughters, including stepchildren and adopted children, of the householder who are single (never married) and under 18 years of age.

Nonrelative—A nonrelative is any person in the household not related to the householder by birth, marriage, or adoption. Roomers, boarders, partners, roommates, paid employees, wards, and foster children are classified as nonrelatives. This report shows the number of households with one or more nonrelatives present in the unit.

Age of Householder—The age classification is based on the age of the person in completed years as of April 1, 1980. The data on age represent the difference, as calculated in the computer, between date of birth and April 1, 1980.

Household Type—Statistics by age of householder are presented separately for the following household types:

Married-couple families. For each household of this type, the householder and his or her spouse are enumerated as members of the same household. This category includes couples in formal marriages as well as in common-law marriages.

Male householder, no wife present. This type includes any household maintained by a male, regardless of his marital status, provided no wife is present in the household. Included are male householders who have no wife; male householders whose wives live elsewhere because of separation (marital discord) or other reason; and male householders who are widowed, divorced, or single.

Female householder, no husband present. This type includes any household maintained by a female, regardless of her marital status, provided no husband is present in the household. Included are female householders who have no husband and female householders whose husbands live elsewhere, as, for example, husbands in the Armed Forces living on a military base and female householders who are widowed, divorced, or single.

This report presents data on selected characteristics for one-person households, separately for male and female householders.

Year Householder Moved Into Unit—Data presented for this item are based on the in-

formation reported for the householder and refer to the year of the latest move. If the householder moved back into a unit the person previously occupied, the year of the latest move was reported. If the householder moved from one apartment to another in the same building, the year the householder moved into the present apartment was reported. The intent is to establish the year the present occupancy by the householder began. The year in which a householder moved is not necessarily the same year as the year other members of the household moved, although in the majority of cases the entire household moved at the same time (see question H19 in appendix E).

Vacant Housing Units—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. Units temporarily occupied at the time of enumeration entirely by persons who have a usual residence elsewhere are also classified as vacant.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if they are open to the elements; i.e., the roof, walls, windows, and/or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy Status—The data on vacancy status were tabulated from responses to questionnaire item C (see item C in appendix E). The data presented in this report are for year-round housing units "Vacant for sale only" and "Vacant for rent."

For sale only. Vacant year-round units being offered "For sale only," including individual units in cooperatives and condominium projects if the individual units are offered "For sale only."

For rent. Vacant year-round units offered "For rent," and vacant units offered either for rent or for sale.

Duration of Vacancy—The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration (see item D in appendix E). The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

Tenure—A housing unit is "Owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. All other occupied units are classified as "Renter occupied," including units rented for cash rent and those occupied without payment of cash rent (see question H8 in appendix E).

Condominium Housing Units—A condominium involves ownership that enables a person to own an apartment or house in a development of similar units and to hold a common or joint ownership in common areas, hallways, entrances, elevators, etc. The owner has a deed to the individual unit, and, very likely, a mortgage on the unit. A condominium housing unit need not be occupied by the owner to be counted as such (see question H9 in appendix E).

Comparability With 1970 Census Condominium Housing Unit Data—In 1970, owner-occupied cooperatives and condominium housing units were identified together. The 1980 census identifies only condominium housing units. The 1980 question provides data on vacant and renter-occupied condominium housing units, not just owner-occupied condominium housing units as in 1970.

Race of the Householder—The data on race of the householder were derived from the answer to question 4, for the person listed in column 1 of the census questionnaire (see appendix E). The concept of race as used by the Census Bureau reflects self-identification by respondents; it does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification, the data represent self-classification by people according

to the race with which they identify. In this report, data are presented for housing units classified by the race of the householder.

For persons who could not provide a single response to the race question, the race of the person's mother was used; if, however, a single response could not be provided for the person's mother, the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The category "White" includes persons who indicated their race as White, as well as persons who did not classify themselves in one of the specific race categories listed on the questionnaire but entered a response such as Canadian, German, Italian, Lebanese, or Polish. In the 1980 census, persons who did not classify themselves in one of the specific race categories but marked "Other" and/or wrote in entries such as Cuban, Puerto Rican, Mexican, or Dominican were included in the "Other" race category. In the 1970 census, most of these persons were included in the "White" category.

The category "Black" includes persons who indicated their race as Black or Negro, as well as persons who did not classify themselves in one of the specific race categories listed in the questionnaire but reported entries such as Jamaican, Black Puerto Rican, West Indian, Haitian, or Nigerian.

The category "American Indian, Eskimo, or Aleut" includes persons who classified themselves as such in one of the specific race categories. In addition, persons who did not report themselves in one of the specific race categories but entered the name of an Indian tribe or wrote in such entries as Canadian Indian, French-American Indian, or Spanish-American Indian were classified as "American Indian."

The category "Asian or Pacific Islander" includes persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, and Guamanian, as well as persons who provided write-in entries of Asian and Pacific Islander groups such as Cambodian, Laotian, Pakistani, or Fijian under the "Other" race category. Also, persons who did not classify themselves in one of the specific race categories but wrote in an entry indicating one of the nine specific categories listed above (e.g., Chinese or Filipino) were classified accordingly. For example, entries of Nipponese and

Japanese American were classified as Japanese, entries of Taiwanese and Cantonese as Chinese, etc. "Race, n.e.c." includes all other persons not in the categories "White," "Black," "American Indian, Eskimo, or Aleut," and "Asian or Pacific Islander." Persons reporting in the "Other" race category and providing write-in entries such as Eurasian, Cœsmopolitan, Interracial, or a Spanish origin group (e.g., Mexican, Cuban, or Puerto Rican) were included in "Race, n.e.c."

If the race entry for the householder was missing on the questionnaire, an answer was assigned in the computer according to the reported entries of race of other household members using specific rules of precedence of household relationship. If race was not entered for anyone in the household (excluding paid employees), the race of a householder in a previously processed household was assigned. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Comparability Between Sample and 100-Percent Data for Race of the Householder—Estimates of the number of householders by race shown in this report may differ from complete count figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and an additional edit and review performed on the sample questionnaires. Sampling variability and nonsampling error are explained in Appendix D, "Accuracy of the Data." The effect of the additional edit and review procedures varies substantially by racial group and geographic area but is generally negligible. A discussion of these procedures may be found in Series HC80-1-B, *Detailed Housing Characteristics*, and PC80-1-C, *Social and Economic Characteristics of the Population*.

Comparability With 1970 Census Data on Race of the Householder—Differences in census procedures and reporting by respondents in the 1980 census and 1970 census seriously affect the comparability for certain race groups. First, a large number of Spanish origin persons reported their race differently in the 1980 census than in the 1970 census. This difference in reporting has a substantial impact on the population totals and

comparability for the "White" population and the "Race, n.e.c." or "Other" race populations (shown as "All other races" in most 1970 publications). A much larger proportion of the Spanish origin population in 1980 than in 1970 reported their race in the questionnaire category "Other." Second, in 1970, most persons who marked the "Other" race category and wrote in a Spanish designation such as Mexican, Venezuelan, Latino, etc., were reclassified as "White." In 1980, such persons were not reclassified but remained in the "Other" race category. As a result of this procedural change and the differences in reporting by this population, the proportion of the Spanish origin population classified as "Other" race in the 1980 census was substantially higher than that in the 1970 census. Nationally in 1970, only 1 percent of the Spanish origin persons were classified as "Other" race and 93 percent as "White." The 1980 census sample data showed a much larger proportion—38 percent—of the Spanish origin persons reported their race as "Other" and only 58 percent reported "White." As a consequence of these differences, 1980 householder totals for "White" and "Race, n.e.c." are not comparable with corresponding 1970 figures.

The 1980 census was the first in which data were collected separately for Eskimos and Aleuts in all States. In 1970, these data were available only for Alaska. Since Eskimos and Aleuts are highly concentrated in Alaska, these changes do not seriously affect the comparability of 1980 and 1970 data for these racial groups at the national level.

The 1980 total for the Asian and Pacific Islander population reflects a high level of immigration during the 1970's as well as a number of changes in census procedures which were developed, in part, as a result of this high level of immigration. First, the number of Asian and Pacific Islander categories listed separately on the 1980 census questionnaire was expanded over that in 1970 to include four additional groups: Vietnamese, Asian Indian, Guamanian, and Samoan. Asian Indians were classified as "White" in 1970 but were included in the "Asian and Pacific Islander" category in 1980. The Vietnamese, Guamanian, and Samoan populations were included in the "Other" race

category in the 1970 census but were included in the "Asian and Pacific Islander" category in 1980. Second, "Other Asian and Pacific Islander" groups such as Cambodian, Laotian, Pakistani, and Fijian were identified and tabulated as Asian and Pacific Islander in sample tabulations in the 1980 census; in 1970, most of these groups were included in the "Other" race category.

In 1980, data were collected separately for Hawaiians and Koreans in all States, but in 1970 data for the two groups were not collected for Alaska. (On the 1970 census questionnaire used in Alaska, Eskimo and Aleut were substituted for these two categories.) Since the numbers of Hawaiians and Koreans were small in Alaska, this questionnaire change does not have a major impact on the comparability of the 1980 and 1970 data for Hawaiians and Koreans at the national level.

Spanish/Hispanic Origin of the Householder—The data on Spanish/Hispanic origin or descent of householder were derived from answers to question 7, for the person listed in column 1 of the census questionnaire (see appendix E).

Persons of Spanish/Hispanic origin or descent are those who reported either Mexican, Puerto Rican, Cuban, or other Spanish/Hispanic origin in question 7. Persons who reported "Other Spanish/Hispanic" origin are those whose origin is from Spain or the Spanish-speaking countries of Central or South America, or they are persons identifying their origin or descent as being Spanish, Spanish-American, Hispano, Latino, etc. Origin or descent can be regarded as the ancestry, nationality group, lineage, or country in which the person or person's parents or ancestors were born before their arrival in the United States. It is important to note that persons of Spanish origin may be of any race. In this report, data are presented for housing units classified by the Spanish origin of the householder.

Persons of more than one Spanish origin and persons of both a Spanish and another origin who were in doubt as to how to report a specific origin were classified according to the origin of the person's mother. If a single origin could not be provided for the person's mother, the first origin reported by the person was recorded.

If the householder failed to respond to the Spanish/Hispanic origin question, a response was assigned by computer in the

sample edit operation according to available related information such as ancestry and place of birth reported for the householder. If such information was not reported, origin was assigned from entries of other household members using specific rules of precedence of household relationship. If no origin was reported for any household member (excluding a paid employee), then an origin was assigned from another household with a householder of the same race. This procedure is a variation of the general allocation process described in Appendix D, "Accuracy of the Data."

Limitations of the Data on Householders of Spanish/Hispanic Origin—A preliminary evaluation study of the reporting in the 1980 census item on Spanish origin indicated that there was misreporting in the Mexican origin category by White and Black persons in certain areas. The study results showed evidence that the misreporting occurred mainly in the South (excluding Texas), the Northeast (excluding the New York City area), and a few States in the North Central Region. Also, results based on available data suggest that the impact of potential misreporting of Mexican origin in the 1980 census is severe in those portions of the above-mentioned regions where the Spanish origin population is generally sparse. However, 1980 census data on the Mexican origin population or total Spanish origin population, at the national level, are not seriously affected by the reporting problem. For a more detailed discussion of the evaluation of the Spanish origin item, see the 1980 Population Census Supplementary reports, Series PC80-S1-7, "Persons of Spanish Origin by State: 1980."

Comparability Between Sample and 100-Percent Data on Householders of Spanish/Hispanic Origin—The data on householders of Spanish origin shown in this report may differ from comparable figures shown in other 1980 census reports. Such differences are the result of sampling variability, nonsampling error, and more extensive edit procedures performed for the Spanish origin item on the sample questionnaires. The data in this report are based on a sample, whereas certain other reports (e.g., the HC80-1-A series) present data based on 100-percent tabulations. Sample data are subject to sampling variability, as explained in Appendix D, "Accuracy of the Data."

Information now available indicates that, since the effects of the more extensive edit were generally limited, the 100-percent tabulations are usually the preferable source for data on householders of Spanish origin. That is, in the case of figures available for Spanish origin groups, both in this report and for corresponding areas in the HC80-1-A report, the latter source is usually the preferred one. In the case of distributions for subjects covered only on a sample basis (e.g., units in structure, mortgage status and selected monthly owner costs, gross rent, etc.), the sample figures are the only data available and should be used within the context of the sampling variability associated with them.

Comparability With 1970 Census Data on Householders of Spanish Origin and Householders of Spanish Heritage—The 1980 census figures on householders of Spanish origin are not directly comparable with the 1970 census data on householders of Spanish origin because of a number of factors; namely, overall improvements in the 1980 census, better coverage of the population, improved question design, and an effective public relations campaign by the Census Bureau with the assistance of national and community ethnic groups. These efforts at census improvements explain, in part, the large increase in the number of Hispanics over 1970. Also, these efforts undoubtedly resulted in the inclusion of a sizable but unknown number of persons of Spanish/Hispanic origin who are in the country in other than legal status.

In the 1980 census Spanish origin question, specific changes in design from the 1970 question included the placement of the category "No (not Spanish/Hispanic)" as the first category in that question. (The corresponding category appeared last in the 1970 question.) Also, the 1970 category "Central or South American" was deleted from the 1980 question because in 1970 some respondents misinterpreted the category. Furthermore, the designations "Mexican-American" and "Chicano" were added to the Spanish origin question in 1980. In the 1970 census, the question on Spanish origin was asked of only a 5-percent sample of the population; in the 1980 census, the Spanish origin question was asked of everyone in the Nation.

The 1970 Census Metropolitan Housing Characteristics reports present data on housing units occupied by householders of Spanish heritage. In the 1970 census, the

category Spanish heritage was created to consolidate data for Spanish ancestry persons in various parts of the United States. The Spanish heritage population, therefore, was specifically termed when reference was made to particular areas. For example, in five southwestern States (Arizona, California, Colorado, New Mexico, and Texas) the population of Spanish heritage was specified as the population of Spanish language or surname; in three mid-Atlantic States (New York, New Jersey, and Pennsylvania), as the population of Puerto Rican birth or parentage; and in the remaining 42 States and the District of Columbia, as the population of Spanish language. The information for the population of Spanish heritage was obtained from the 15-percent sample of the census questionnaires. Data for this group of householders are not comparable to the 1980 census data on householders of Spanish origin which were based only on responses to the specific census question on Spanish/Hispanic origin for the person listed in column 1 of the census questionnaire.

UTILIZATION CHARACTERISTICS

Persons—All persons occupying the housing unit are included. These persons include not only occupants related to the householder but also any lodgers, roomers, boarders, partners, roommates, wards, foster children, and resident employees who share the living quarters of the householder. The data on "Persons in unit" show the number of housing units occupied by the specified number of persons. "Total persons" is the total number of persons living in the housing units in the particular category.

Rooms—The statistics on "Rooms" are in terms of the number of housing units with a specified number of rooms (see question H7 in appendix E). The intent of this question is to count the number of whole rooms used for living purposes. For each unit they include living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, enclosed porches suitable for year-round use, and lodger's rooms. Excluded are strip or pullman kitchens, bathrooms, open porches, balconies, halls, half-rooms, utility rooms, unfinished attics or basements, or other unfinished space used for storage. A partially divided room is a separate room only if there is a partition from floor to ceiling.

Persons Per Room—"Persons per room" is a derived measure obtained by dividing the

number of persons in each occupied housing unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of occupied housing units having the specified ratio of persons per room.

Bedrooms—The number of "Bedrooms" in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping, such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a sofa bed, are not considered bedrooms. A housing unit consisting of only one room, such as a one-room efficiency apartment, is classified, by definition, as having no bedroom (see question H24 in appendix E).

STRUCTURAL CHARACTERISTICS

Year Structure Built—"Year structure built" refers to when the building was first constructed, not when it was remodeled, added to, or converted. For a houseboat or mobile home or trailer, the manufacturer's model year is assumed to be the year built. The figures shown in this report relate to the number of units in structures built during the specified periods and in existence at the time of enumeration (see question H18 in appendix E).

Units in Structure—A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented for the number of housing units in structures of specified type and size, not for the number of residential buildings. The category "Mobile home or trailer, etc." includes mobile homes, trailers, boats, tents, vans, etc. (see question H13 in appendix E).

Stories in Structure—The count of stories (floors) in structure includes basements or attics if these contain finished rooms for living purposes (see question H14a in appendix E).

Passenger Elevator—Statistics on elevator in structure are presented for housing units in structures with four or more stories or floors. If the housing units in structures with four or

more stories have an elevator used only for freight, the units are not included in the category "With elevator" (see question H14b in appendix E).

PLUMBING CHARACTERISTICS

Plumbing Facilities—The category "Complete plumbing for exclusive use" consists of units which have hot and cold piped water, a flush toilet, and a bathtub or shower inside the housing unit for the exclusive use of the occupants of the unit. "Lacking complete plumbing for exclusive use" includes those conditions when (1) all three specified plumbing facilities are present inside the unit, but are also used by another household; (2) some but not all the facilities are present; or (3) none of the three specified plumbing facilities is present (see question H6 in appendix E).

Comparability With 1970 Census Plumbing Facilities Data—In 1970, there were separate questions on the presence of hot and cold piped water, a bathtub or shower, and a flush toilet. For 1980, these three items were combined into a single question on plumbing facilities. In addition, the facilities must be inside the housing unit rather than inside the structure as in 1970.

EQUIPMENT AND FUELS

Heating Equipment—Respondents were asked to report the type of heating equipment used as the primary source of heat for their housing unit. The categories shown in the report are: (1) steam or hot water system; (2) central warm-air furnace or electric heat pump; (3) other built-in electric units; (4) floor, wall, or pipeless furnace; and (5) other means. "Other means" includes room heaters with flue or vent that burn gas, oil, or kerosene; nonportable room heaters without flue or vent that burn gas, oil, or kerosene; and fireplaces, stoves, or portable room heaters of any kind that can be picked up and moved. A central heating system includes types (1) through (4) listed above. For vacant units which have had the heating equipment removed, the kind of equipment used by the previous occupants is considered to be the heating equipment for the unit (see question H20 in appendix E).

Comparability With 1970 Census Heating Equipment Data—In 1970, central

heat pumps were included as part of the category "Warm-air furnace" and individual room heat pumps were included in the category "Built-in electric units." In 1980, heat pumps have been combined and are included in this report in the category "Central warm-air furnace or electric heat pump."

Air Conditioning—"Air conditioning" is defined as the cooling of air by a refrigeration unit. It does not include evaporative coolers, fans, or blowers which are not connected to a refrigeration unit; however, it does include heat pumps. A central system is an installation which air conditions a number of rooms. In an apartment building, such a system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A system with individual room controls is a central system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room (see question H27 in appendix E).

Vehicles Available—Data for this item refer to the number of households with vehicles available at home for the use of the members of the household. Included in this item are passenger cars, pickup trucks, small panel trucks of one-ton capacity or less, as well as station wagons, company cars, and taxicabs kept at home for use of household members. Cars rented or leased for 1 month or more; police and government cars kept at home; and company vans and trucks of 1-ton capacity or less are also included if kept at home and used for nonbusiness purposes. Dismantled cars, immobile cars used as a source of power for some piece of machinery, and cars, vans, and trucks kept at home but used only for business purposes are excluded. The statistics do not reflect the number of vehicles privately owned or the number of households owning vehicles (see questions H28 and H29 in appendix E).

Comparability With 1970 Census Automobiles Available Data—In 1970, only data on the number of households with automobiles which were owned or regularly used by members of the household were obtained. Taxicabs, pickups, or large trucks were not counted. In 1980, the data on automobiles available include taxicabs if kept at home for use of household members but exclude pickups or larger trucks. Separate

data were obtained in 1980 on the number of housing units with vans or trucks of 1-ton capacity or less kept at home for use of members of the household.

Fuels Used for House Heating and Water Heating

Heating—"Utility gas" is gas piped through underground pipes from a central system that serves the neighborhood. "Bottled, tank, or LP gas" is stored in tanks which are refilled or exchanged when empty. "Fuel oil, kerosene, etc." includes fuel oil, kerosene, gasoline, alcohol, and other combustible liquids. For data on house heating fuel, the category "Other" includes any other fuel such as purchased steam, coal dust, briquettes made of pitch and sawdust, waste materials such as corn cobs, etc. For data on water heating fuel, the category "Other" also includes coal or coke, and wood (see question H21 in appendix E).

FINANCIAL CHARACTERISTICS

Value—Value is the respondent's estimate of how much the property (house and lot) would sell for, if it were for sale (see question H11 in appendix E).

Value is tabulated for certain kinds of housing units. Value statistics are presented for "Specified owner-occupied" housing units. These "specified" housing units include only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. The "Specified owner-occupied" universes are the same for the value tabulation and the mortgage status and selected monthly owner costs tabulation.

Price Asked—For vacant for sale only housing units, the price asked is the amount asked for the property at the time of enumeration. The statistics on price asked are shown for "Specified vacant for sale only" housing units, which include vacant for sale only one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data also exclude condominium units and mobile homes.

Mortgage Status and Selected Monthly Owner Costs—The data are presented for "Specified owner-occupied" housing units. These "specified" housing units include only

one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The data exclude owner-occupied condominium housing units, mobile homes, trailers, boats, tents, or vans occupied as a usual residence, as well as owner-occupied noncondominium units in multi-family buildings. Separate distributions of owner costs are shown for units "With a mortgage" and for units "Not mortgaged." Selected monthly owner costs is the sum of payments for mortgages, deeds of trust, or similar debts on the property; real estate taxes; fire and hazard insurance on the property; utilities (electricity, gas, and water); and fuels (oil, coal, kerosene, wood, etc.) (see questions H30, H31, and H32 in appendix E).

Mortgage Status and Selected Monthly Owner Costs as a Percentage of Household Income in 1979—Selected monthly housing costs is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same owner-occupied units for which selected monthly owner costs was tabulated; thus, the statistics reflect the exclusion of certain owner-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units occupied by households that reported no income or a net loss comprise the category "Not computed."

Rent—The statistics on rent are tabulated for "Specified renter-occupied" housing units and for "Specified vacant for rent" housing units which include renter units except one-family houses on 10 or more acres. Respondents were asked to report rent only for the housing unit enumerated and to exclude any rent paid for additional units or for business premises. Renter units occupied without payment of cash rent are shown separately as "No cash rent" in the rent tabulations.

Contract Rent. "Contract rent" is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included (see question H12 in appendix E).

Gross Rent. The computed rent termed "Gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water) and fuels (oil, coal, kerosene, wood, etc.) if these are

paid for by the renter (or paid for the renter by someone else) in addition to rent. Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but are converted to monthly figures in the computation process (see questions H12 and H22 in appendix E).

Rent Asked. For "Specified vacant for rent" housing units, the rent asked is the amount asked for the rental of the unit at the time of enumeration.

Gross Rent as a Percentage of Household Income in 1979

Monthly gross rent is expressed as a percentage of monthly household income (total household income in 1979 divided by 12). The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. Units for which no cash rent is paid and units occupied by households that reported no income or a net loss comprise the category "Not computed."

Household Income in 1979—Household income is the sum of the money income of all persons 15 years old and over occupying the housing unit, including persons not related to the householder. Data on income are based on money income received in the calendar year 1979. Income is the algebraic sum of the amounts reported separately for wage and salary income; nonfarm net self-employment income; farm net self-employment income; interest, dividend, net rental or royalty income; Social Security or Railroad Retirement income; public assistance or welfare income; and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, medicare deductions, etc.

Receipts from the following sources were not included as income: money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" from food stamps, public housing subsidies, medical care, employer's contributions for pensions, etc.; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts.

Although the income statistics cover the calendar year 1979, the composition of households refers to the time of enumeration (April 1, 1980). However, the composition of most households was the same during 1979 as in April 1980. There may be differences between the data on household income in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Median Income—The median income values presented in this report are computed on the basis of more detailed income intervals than shown in the tables. Median income figures of \$30,000 or less are generally calculated using linear interpolation; all other median income amounts are derived through pareto interpolation.

Comparability With 1970 Census Income Data—In 1970, the statistics on income presented in Series HC80-2, *Metropolitan Housing Characteristics* reports related to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Income of persons living in

the unit but not related to the head of household was not included. In 1980, the statistics on income relate to the income of the household; that is, the sum of the income of all persons 15 years old and over occupying a housing unit, including persons not related to the householder.

A discussion on comparability of income data from other sources including earlier censuses may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

Poverty Status in 1979—Households are classified below the poverty level when the total 1979 income of the family or of the non-family householder is below the appropriate poverty threshold. The income of persons living in the household who are unrelated to the householder is not considered when determining the poverty status of a household. The poverty thresholds vary depending upon three criteria: size of family, number of children, and age of the family householder or unrelated individual. The criteria used in the 1980 census differ slightly from those used in the 1970 census, which took into account the same three factors as well as sex of the family householder or unrelated individual and farm-nonfarm residence. In addition, for the 1980 census the thresholds by size of family were extended from seven or more persons to nine or more persons. The income cutoffs are updated each year to reflect the change in the Consumer Price Index. A more detailed explanation of the poverty definition may be found in the 1980 Census of Population reports, *General Social and Economic Characteristics*, PC80-1-C.

There may be slight differences between the data on poverty status in 1979 in this report and similar data shown in the reports, *Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas*, PHC80-3, and in the Supplementary Reports, *Advance Estimates of Social, Economic, and Housing Characteristics*, PHC80-S2. Any such differences are a result of errors in the income data which were corrected after the release of the PHC80-3 and the PHC80-S2 reports.

Appendix B.—Definitions and Explanations of Subject Characteristics

Thresholds at the Poverty Level in 1979 by Size of Family and Number of Related Children Under 18 Years

(Figures in dollars. For meaning of symbols, see Introduction)

Size of Family Unit	Weighted average thresholds	Related children under 18 years							
		None	1	2	3	4	5	6	7 8 or more
1 person (unrelated individual).....	3,686	3,686	...	...	...	...	...	...	...
Under 65 years.....	3,774	3,774	...	...	...	...	...	...	...
65 years and over.....	3,479	3,479	...	...	...	...	...	...	...
2 persons.....	4,723	4,723	...	...	...	...	...	...	...
Householder under 65 years.....	4,876	4,858	5,000	...	...	...	...	...	...
Householder 65 years and over.....	4,389	4,385	4,981	...	...	...	...	...	...
3 persons.....	5,787	5,674	5,839	5,844	...	...	...	...	...
4 persons.....	7,412	7,482	7,605	7,356	7,382	...	...	...	...
5 persons.....	8,776	9,023	9,154	8,874	8,657	8,525	...	...	...
6 persons.....	9,915	10,378	10,419	10,205	9,999	9,693	9,512	...	...
7 persons.....	11,237	11,941	12,016	11,759	11,580	11,246	10,857	10,429	...
8 persons.....	12,484	13,356	13,473	13,231	13,018	12,717	12,334	11,936	11,835
9 or more persons.....	14,812	16,066	16,144	15,929	15,749	15,453	15,046	14,677	14,586 14,024

Appendix C.—General Enumeration and Processing Procedures

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USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to the first U.S. census in 1790, each person enumerated in the 1980 census was counted as an inhabitant of his or her "usual place of residence," which is generally construed to mean the place where the person lives and sleeps most of the time. This place is not necessarily the same as the person's legal residence or voting residence. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics, although there might be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishment of residence rules for certain categories of persons whose usual place of residence is not immediately apparent. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be staying on Census Day (April 1). Persons without a usual place of residence, however, were counted where they happened to be staying.

Armed Forces

Members of the Armed Forces living on a military installation were counted, as in every previous census, as residents of the area in which the installation was located; members of the Armed Forces not living on a military installation were counted as residents of the area in which

they were living. Family members of Armed Forces personnel were counted where they were living on Census Day (i.e., with the Armed Forces personnel or at another location, as the case might be).

Each Navy ship was attributed to the municipality that the Department of the Navy designated as its homeport, except for those ships which were deployed to the 6th or 7th Fleet on Census Day. As was done in the 1970 census, naval personnel aboard deployed ships were defined in the 1980 census as part of the overseas population, because deployment to the 6th or 7th Fleet implies a long-term overseas assignment.

In homeports with fewer than 1,000 naval personnel assigned to ships, the crews were counted aboard the ship. In homeports with 1,000 or more naval personnel assigned to ships, the naval personnel who indicated that they had a usual residence within 50 miles of the homeport of their ship were attributed to that residence.

When a homeport designated by the Navy was contained in more than one municipality, ships homeported and berthed there on Census Day were assigned by the Bureau of the Census to the municipality in which the land immediately adjacent to the dock or pier was actually located. Other ships attributed by the Navy to that homeport, but which were not physically present and not deployed to the 6th or 7th Fleet on Census Day, were allocated to the municipality named on the Navy's homeport list.

Crews of Merchant Vessels

Shipboard Census Reports were mailed to crews of merchant vessels through the ships' respective owner-operators based on lists of U.S. flag merchant vessels obtained from the Maritime Administration, U.S. Department of Commerce.

If the ship was berthed in a U.S. port on Census Day, the crew was enumerated as of that port. If the ship was

not berthed in a U.S. port but was inside the territorial waters of the United States, the crew was enumerated as of (a) the port of destination if that port was inside the United States or (b) the homeport of the ship if its port of destination was outside the United States. Crews of U.S. flag vessels which were outside U.S. territorial waters on Census Day and crews of vessels flying a foreign flag were not enumerated in the 1980 census.

Persons Away at School

College students were counted as residents of the area in which they were living while attending college, as they have been since 1950. However, children in boarding schools below the college level were counted at their parental home.

Persons in Institutions

Inmates of institutions, who ordinarily live there for considerable periods of time, were counted as residents of the area where the institution was located. Patients in short-term wards (general, maternity, etc.) of hospitals were counted at their usual place of residence; if they had no usual place of residence, they were counted at the hospital.

Persons Away From Their Residence on Census Day

Persons in hotels, motels, etc., on the night of March 31, 1980, were requested to fill out a census form for assignment of their census information back to their homes if they indicated that no one was at home to report them in the census. A similar approach was used for persons visiting in private residences, as well as for Americans who left the United States during March 1980 via major intercontinental air or ship carriers for temporary travel abroad. In addition, information on persons away from their usual place of residence was obtained from other members of their families, resident managers, neighbors, etc. If an entire household was expected to be

away during the whole period of the enumeration, information on that household was obtained from neighbors. A matching process was used to eliminate duplicate reports for persons who reported for themselves while away from their usual residence and who were also reported at this usual residence by someone else.

A special enumeration was conducted in such facilities as missions, flophouses, jails, detention centers, etc., on the night of April 6, 1980, and persons enumerated therein were counted as residents of the area in which the establishment was located.

Americans Abroad

Americans who were overseas for an extended period (in the Armed Forces, working at civilian jobs, studying in foreign universities, etc.) were not included in the population of any State or the District of Columbia. On the other hand, Americans who were temporarily abroad on vacations, business trips, and the like were counted at their usual residence in the United States.

Citizens of Foreign Countries

Citizens of foreign countries having their usual residence (legally or illegally) in the United States on Census Day, including those working here (but not living at an embassy, ministry, legation, chancellery, or consulate) and those attending school (but not living at an embassy, etc.), were included in the enumeration, as were members of their families living with them. However, citizens of foreign countries temporarily visiting or traveling in the United States or living on the premises of an embassy, etc., were not enumerated in the 1980 census.

DATA COLLECTION PROCEDURES

The 1980 census was conducted primarily through self-enumeration. A census questionnaire was delivered by postal carriers to every housing unit several days before Census Day, April 1, 1980. This questionnaire included explanatory information and was accompanied by an instruction guide. Spanish-language versions of the questionnaire and instruction guide were available on request. The questionnaire

was also available in narrative translation in 32 languages.

In most areas of the United States, altogether containing about 95 percent of the population, the householder was requested to fill out and mail back the questionnaire on Census Day. Approximately 83 percent of these households returned their forms by mail. Households that did not mail back a form and vacant housing units were visited by an enumerator. Households that returned a form with incomplete or inconsistent information that exceeded a specified tolerance were contacted by telephone or, if necessary, by a personal visit, to obtain the missing information.

In the remaining (mostly sparsely settled) area of the country, which contained about 5 percent of the population, the householder was requested to fill out the questionnaire and hold it until visited by an enumerator. Incomplete and unfilled forms were completed by interview during the enumerator's visit. Vacant units were enumerated by a personal visit and observation.

Each housing unit in the country received one of two versions of the census questionnaire: a short-form questionnaire containing a limited number of basic population and housing questions or a long-form questionnaire containing these basic questions as well as a number of additional questions. A sampling procedure was used to determine those units which were to receive the long-form questionnaire. Two sampling rates were employed. For most of the country, one in every six housing units (about 17 percent) received the long form or sample questionnaire; in counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 inhabitants, every other housing unit (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas.

Special questionnaires were used for the enumeration of persons in group quarters such as colleges and universities, hospitals, prisons, military installations, and ships. These forms contained the population questions but did not include any housing questions. In addition to the regular census questionnaires, the Supplementary Questionnaire for American Indians was used in conjunction with the short form on Federal and State reservations and in the historic areas of

Oklahoma (excluding urbanized areas) for households that had at least one American Indian, Eskimo, or Aleut household member.

PROCESSING PROCEDURES

The 1980 census questionnaires were processed in a manner similar to that for the 1970 and 1960 censuses. They were designed to be processed electronically by the Film Optical Sensing Device for Input to Computer (FOSDIC). For most items on the questionnaire, the information supplied by the respondent or obtained by the enumerator was indicated by marking the answers in predesignated positions that would be "read" by FOSDIC from a microfilm copy of the questionnaire and transferred onto computer tape with no intervening manual processing. The computer tape did not include information on individual names and addresses.

The data processing was performed in two stages. For 100-percent data, all short forms, and pages 2 and 3 of the long forms (which have the same questions as the short form), were microfilmed, "read" by FOSDIC, and transferred onto computer tape for tabulation. For the sample data, the long form (or sample) questionnaires were processed through manual coding operations since some questions required the respondent to provide write-in entries which could not be read by FOSDIC. Census Bureau coders assigned alphabetical or numerical codes to the write-in answers in FOSDIC readable code boxes on each questionnaire. After all coding was completed, the long forms were microfilmed, and the film was "read" by FOSDIC and transferred onto computer tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps. Among the products of this operation were computer tapes from which the tables in this report (and most others in the 1980 census publications) were prepared on phototype-setting equipment at the Government Printing Office.

A more detailed description of the data collection and processing procedures can be obtained from the 1980 Census of Population and Housing, *Users' Guide*, PHC80-R1.

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INTRODUCTION

The data presented in this publication are based on the 1980 census sample. The data are estimates of the actual figures that would have resulted from a complete count. Estimates can be expected to vary from the complete count result because they are subject to two basic types of error—sampling and nonsampling. The sampling error in the data arises from the selection of persons and housing units to be included in the sample. The nonsampling error is the result of all other errors that may occur during the collection and processing phases of the census. A more detailed discussion of both sampling and nonsampling error and a description of the estimation procedure are given in this appendix.

SAMPLE DESIGN

While every person and housing unit in the 1980 census was enumerated on a

questionnaire that requested certain basic demographic information (e.g., age, number of rooms in living quarters, monthly rent), a sample of persons and housing units was enumerated on a questionnaire that requested additional information. The basic sampling unit for the 1980 census was the housing unit, including all occupants. For persons living in group quarters, the sampling unit was the person. Two sampling rates were employed. In counties, incorporated places and minor civil divisions estimated to have fewer than 2,500 persons (based on precensus estimates), one-half of all housing units and persons in group quarters were to be included in the sample. In all other areas, one-sixth of the housing units or persons in group quarters were sampled. The purpose of this scheme was to provide relatively more reliable estimates for small areas. When both sampling rates were taken into account across the Nation, approximately 19 percent of the Nation's housing units were included in the census sample.

The sample designation method depended on the data collection procedures. In areas containing about 95 percent of the population the census was taken by the mailout/mailback procedure. For these areas, the Bureau of the Census either purchased a commercial mailing list which was updated and corrected by Census Bureau field staff, or prepared a mailing list by canvassing and listing each address in the area prior to Census Day. These lists were computerized, and every sixth unit (for 1-in-6 areas) or every second unit (for 1-in-2 areas) was designated as a sample unit by computer. Both of these lists were also corrected by the Post Office.

In non-mailout/mailback areas, a blank listing book with designated sample lines (every sixth or every second line) was prepared for the enumerator. Beginning about Census Day, the enumerator sys-

tematically canvassed the area and listed all housing units in the listing book in the order they were encountered. Completed questionnaires, including sample information for any housing unit which was listed on a designated sample line, were collected.

In both types of data collection procedure areas, an enumerator was responsible for a small geographic area known as an enumeration district, or ED. An ED usually represented the average workload area for one enumerator.

ERRORS IN THE DATA

Since the data in this publication are based on a sample, they may differ somewhat from complete-count figures that would have been obtained if all housing units, persons within those housing units, and persons living in group quarters had been enumerated using the same questionnaires, instructions, enumerators, etc. The deviation of a sample estimate from the average of all possible samples is called the sampling error. The standard error of a survey estimate is a measure of the variation among the estimates from the possible samples and thus is a measure of the precision with which an estimate from a particular sample approximates the average result of all possible samples. The sample estimate and its estimated standard error permit the construction of interval estimates with prescribed confidence that the interval includes the average result of all possible samples. The method of calculating standard errors and confidence intervals for the data in this report is given below.

In addition to the variability which arises from the sampling procedures, both sample data and complete-count data are subject to nonsampling error. Nonsampling error may be introduced during each of the many extensive and complex

operations used to collect and process census data. For example, operations such as editing, reviewing, or handling questionnaires may introduce error into the data. A more detailed discussion of the sources of nonsampling error is given in the section on "Control of Nonsampling Error" in this appendix.

Nonsampling error may affect the data in two ways. Errors that are introduced randomly will increase the variability of the data and should therefore be reflected in the standard error. Errors that tend to be consistent in one direction will make both sample and complete-count data biased in that direction. For example, if respondents consistently tend to under-report their income, then the resulting counts of households or families by income category will be skewed toward the lower income categories. Such biases are not reflected in the standard error.

Calculation of Standard Errors

Totals and Percentages—Tables A through D in this appendix contain the information necessary to calculate the standard errors of sample estimates in this report. In order to perform this calculation, it is necessary to know the unadjusted standard error for the characteristic, given in table A or B, that would result under a simple random sample design (of persons, families, or housing units) and estimation technique; the adjustment factor for the particular characteristic estimated, given in table C; and the number of housing units in the tabulation area and the percent of these in sample, given in table D. The adjustment factors reflect the effects of the actual sample design and complex ratio estimation procedure used for the 1980 census.

To calculate the approximate standard error of an estimate for a geographic area, follow the steps given below:

- a. Obtain the unadjusted standard error from table A or B (or from the formula given below the table) for the estimated total or percentage, respectively.
- b. Find the geographic area with which you are working in table D and obtain the housing unit "percent in sample" figure for this area.
- c. Use table C to obtain the factor for the characteristics (e.g., air-

conditioning, year structure built) and the range that contains the percent-in-sample with which you are working. Multiply the unadjusted standard error by this factor. If the estimate is a cross-tabulation of more than one characteristic, use the largest factor.

As is evident from the formula below tables A and B, the unadjusted standard errors of zero estimates or of very small estimated totals or percentages approach zero. This is also the case for very large percentages or estimated totals that are close to the size of the tabulation areas to which they correspond. These estimated totals and percentages are, nevertheless, still subject to sampling and nonsampling variability, and an estimated standard error of zero (or a very small standard error) is not appropriate.

For estimated percentages that are less than 2 or greater than 98, use the *unadjusted* standard errors in table B that appear in the "2 or 98" row. For an estimated total that is less than 50 or within 50 of the total size of the tabulation area, use an *unadjusted* standard error of 16.

An illustration of the use of the tables is given in a later section of this appendix.

Differences—The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference the tables are to be used somewhat differently in the following three situations:

- a. For the difference between a sample estimate and a complete-count value, use the standard error of the sample estimate.
- b. For the difference between (or sum of) two sample estimates, the appropriate standard error is approximately the square root of the sum of the two individual standard errors squared; that is, for standard errors Se_x and Se_y of estimates x and y:

$$Se_{(x+y)} = Se_{(x-y)} \doteq \sqrt{(Se_x)^2 + (Se_y)^2}$$

This method, however, will underestimate (overestimate) the standard error if the two items in a sum are highly positively (negatively)

correlated or if the two items in a difference are highly negatively (positively) correlated. This method may also be used for the difference between (or sum of) sample estimates from two censuses or between a census sample and another survey. The standard error for estimates not based on the 1980 census sample must be obtained from an appropriate source outside of this publication.

- c. For the difference between two estimates, one of which is a subclass of the other, use the tables directly where the calculated difference is the estimate of interest.

Means—The standard error of a mean depends upon the variability of the distribution on which the mean is based, the size of the sample, the sample design (e.g., the use of households as a sampling unit), and the estimation procedure used.

An approximation to the standard error of the mean may be obtained as follows: compute the variance of the distribution on which the mean is based; multiply this value by five and divide the product by the total count of units in the distribution; obtain the square root of this quotient and multiply the result by the adjustment factor from table C that is appropriate for the characteristic on which the mean is based.

Medians—For the standard error of a median of a characteristic, it is necessary to examine the distribution from which the median is derived, as the size of the base and the distribution itself affect the standard error. An approximate method is given here. As the first step, compute one-half of the number on which the median is based (refer to this result as $N/2$). Treat $N/2$ as if it were an ordinary estimate and obtain its standard error as instructed above using tables A, C, and D. Compute the desired confidence interval about $N/2$. Starting with the lowest value of the characteristic, cumulate the frequencies in each category of the characteristic until the sum equals or first exceeds the lower limit of the confidence interval about $N/2$. By linear interpolation, obtain a value of the characteristic corresponding to this sum. This is the lower limit of the confidence interval of the median. In a similar manner, cumulate frequencies starting from

the highest value of the characteristic until the sum equals or exceeds the count in excess of the upper limit of the interval about $N/2$. Interpolate as before to obtain the upper limit of the confidence interval for the estimated median.

Confidence Intervals

A sample estimate and its estimated standard error may be used to construct confidence intervals about the estimate. These intervals are ranges that will contain the average value of the estimated characteristic that results over all possible samples, with a known probability. For example, if all possible samples that could result under the 1980 census sample design were independently selected and surveyed under the same conditions, and if the estimate and its estimated standard error were calculated for each of these samples, then:

- (1) Approximately 68 percent of the intervals from one estimated standard error below the estimate to one estimated standard error above the estimate would contain the average result from all possible samples; and
- (2) Approximately 95 percent of the intervals from two estimated standard errors below the estimate to two estimated standard errors above the estimate would contain the average result from all possible samples.

The intervals are referred to as 68 percent and 95 percent confidence intervals, respectively.

The average value of the estimated characteristic that could be derived from all possible samples is or is not contained in any particular computed interval. Thus we cannot make the statement that the average value has a certain probability of falling between the limits of the calculated confidence interval. Rather, one can say with a specified probability or confidence that the calculated confidence interval includes the average estimate from all possible samples (approximately the complete count value).

Confidence intervals may also be constructed for the difference between two sample figures. This is done by computing the difference between these

figures, obtaining the standard error of the difference (using the formula given earlier), and then forming a confidence interval for this estimated difference as above. One can then say with specified confidence that this interval includes the difference that would have been obtained by averaging the results from all possible samples.

The estimated standard errors given in this report do not include all portions of the variability due to nonsampling error that may be present in the data. Thus, the standard errors calculated represent a lower bound of the total error. As a result, confidence intervals formed using these estimated standard errors may not meet the stated levels of confidence (i.e., 68 or 95 percent). Thus, some care must be exercised in the interpretation of the data in this publication based on the estimated standard errors.

For more information on confidence intervals and nonsampling error see any standard sampling theory text.

Use of Tables to Compute Standard Errors

See appendix D of any 1980 Census of Housing, HC-80-1-B, *Detailed Housing Characteristics* report, for examples showing the computation of standard errors and the formation of confidence intervals.

ESTIMATION PROCEDURE

The estimates which appear in this publication were obtained from an iterative ratio estimation procedure which resulted in the assignment of a weight to each sample person or housing unit record. For any given tabulation area, a characteristic total was estimated by summing the weights assigned to the persons or housing units in the tabulation area which possessed the characteristic. Estimates of family or household characteristics were based on the weights assigned to the family members designated as householders. Each sample person or housing unit record was assigned exactly one weight to be used to produce estimates of all characteristics. For example, if the weight given to a sample person or housing unit had the value five, all characteristics of that person or housing unit would be tabulated with a weight of

five. The estimation procedure, however, did assign weights which vary from person to person or housing unit to housing unit.

The estimation procedure used to assign the weights was performed in geographically defined "weighting areas." Weighting areas were generally formed of adjoining portions of geography, which closely agreed with census tabulation areas within counties. Weighting areas were required to have a minimum sample of 400 persons. Weighting areas were never allowed to cross state or county boundaries. In small counties with a sample count of less than 400 persons, the minimum required sample condition was relaxed to permit the entire county to become a weighting area.

Within a weighting area, the ratio estimation procedure for persons was performed in three stages. For persons, the first stage employed 17 household type groups. The second stage used two groups: householders and nonhouseholders. The third stage could potentially use 160 age-sex-race-Spanish origin groups. The stages were as follows:

PERSONS

Stage I—Type of Household

Group	Persons in Housing Units With a Family With Own Children
Under 18	
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit
6-10	Persons in Housing Units With a Family Without Own Children
	Under 18
	2 persons in housing unit through 8 or more persons in housing unit
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit
17	Persons in group quarters

	Stage II—Householder/ Nonhouseholder
<i>Group</i>	
1	Householder
2	Nonhouseholder (including persons in group quarters)
Stage III—Age/Sex/Race/Spanish Origin	
<i>Group</i>	<i>White Race</i>
	<i>Persons of Spanish Origin</i>
	<i>Male</i>
1	0 to 4 years of age
2	5 to 14 years of age
3	15 to 19 years of age
4	20 to 24 years of age
5	25 to 34 years of age
6	35 to 44 years of age
7	45 to 64 years of age
8	65 years of age or older
	<i>Female</i>
9-16	Same age categories as groups 1 to 8
	<i>Persons Not of Spanish Origin</i>
17-32	Same age and sex categories as groups 1 to 16
	<i>Black Race</i>
33-64	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Asian, Pacific Islander Race</i>
65-96	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>American Indian, Eskimo, or Aleut Race</i>
97-128	Same age-sex-Spanish origin categories as groups 1 to 32
	<i>Other Race (includes those races not listed above)</i>
129-160	Same age-sex-Spanish origin categories as groups 1 to 32

Within a weighting area, the first step in the estimation procedure was to assign each sample person record an initial weight. This weight was approximately equal to the inverse of the probability of selecting a person for the census sample.

The next step in the estimation procedure was to combine, if necessary, the groups in each of the three stages prior to the repeated ratio estimation in order to increase the reliability of the ratio estima-

tion procedure. For the first and second stages, any group that did not meet certain criteria concerning the unweighted sample count or the ratio of the complete count to the initially weighted sample count, was combined, or collapsed, with another group in the same stage according to a specified collapsing pattern. At the third stage, the "Other" race category was collapsed with the "White" race category before the above collapsing criteria as well as an additional criterion concerning the number of complete count persons in each category were applied.

As the final step, the initial weights underwent three stages of ratio adjustment which used the groups listed above. At the first stage, the ratio of the complete census count to the sum of the initial weights for each sample person was computed for each stage I group. The initial weight assigned to each person in a group was then multiplied by the stage I group ratio to produce an adjusted weight. In stage II, the stage I adjusted weights were again adjusted by the ratio of the complete census count to the sum of the stage I weights for sample persons in each stage II group. Finally, the stage II weights were adjusted at stage III by the ratio of the complete census count to the sum of the stage II weights for sample persons in each stage III group. The three stages of adjustment were performed twice (two iterations) in the order given above. The weights obtained from the second iteration for stage III were assigned to the sample person records. However, to avoid complications in rounding for tabulated data, only whole number weights were assigned. For example, if the final weight for the persons in a particular group was 7.2, then one-fifth of the sample persons in this group were randomly assigned a weight of 8 and the remaining four-fifths received a weight of 7.

Separate weights were derived for tabulating the place of work and migration data items. The weights were obtained by adjusting the weight derived above for persons on questionnaires selected for coding by the reciprocal of the ED coding rate and a ratio adjustment to ensure that the sum of the weights and the complete count total population figure would agree.

The ratio estimation procedure for

housing units was essentially the same as that for persons. The major difference was that the occupied housing unit ratio estimation procedure was done in two stages and the vacant housing unit ratio estimation procedure was done in one stage. The first stage for occupied housing units employed 16 household-type categories and the second stage could potentially use 190 tenure-race-Spanish origin-value/rent groups. For vacant housing units, three groups were utilized. The stages for the ratio estimation for housing units were as follows:

OCCUPIED HOUSING UNITS

Stage I—Type of Household

<i>Group</i>	<i>Housing Units With a Family With Own Children Under 18</i>
1	2 persons in housing unit
2	3 persons in housing unit
3	4 persons in housing unit
4	5 to 7 persons in housing unit
5	8 or more persons in housing unit

<i>Group</i>	<i>Housing Units With a Family Without Own Children Under 18</i>
6-10	2 persons in housing unit through 8 or more persons in housing unit

<i>Group</i>	<i>All Other Housing Units</i>
11	1 person in housing unit
12-16	2 persons in housing unit through 8 or more persons in housing unit

Stage II—Tenure/Race and Origin of Householder/Value or Rent

<i>Group</i>	<i>Owner</i>
	<i>White Race (householder)</i>
	<i>Persons of Spanish Origin (householder)</i>
	<i>Value of House</i>
1	\$0 to \$9,999
2	\$10,000 to \$19,999
3	\$20,000 to \$24,999
4	\$25,000 to \$49,999
5	\$50,000 to \$99,999
6	\$100,000 to \$149,999
7	\$150,000+
8	Other Owners

Persons Not of Spanish Origin

9-16	Same value categories as groups 1 to 8	<i>Other Race (includes those races not listed above)</i>
	<i>Black Race</i>	169-190 Same rent—Spanish origin categories as groups 81 to 102
17-32	Same value—Spanish origin categories as groups 1 to 16	
	<i>Asian, Pacific Islander Race</i>	
33-48	Same value—Spanish origin categories as groups 1 to 16	
	<i>American Indian, Eskimo, or Aleut Race</i>	
49-64	Same value—Spanish origin categories as groups 1 to 16	
	<i>Other Race (includes those races not listed above)</i>	
65-80	Same value—Spanish origin categories as groups 1 to 16	
	<i>Renter</i>	
	<i>White Race</i>	
	<i>Persons of Spanish Origin Rent Categories</i>	
81	\$1 to \$59	
82	\$60 to \$99	
83	\$100 to \$149	
84	\$150 to \$199	
85	\$200 to \$249	
86	\$250 to \$299	
87	\$300 to \$399	
88	\$400 to \$499	
89	\$500+	
90	Other Renter	
91	No Cash Rent	
	<i>Persons not of Spanish origin</i>	
92-102	Same rent categories as groups 81 to 91	
	<i>Black Race</i>	
103-124	Same rent—Spanish origin categories as groups 81 to 102	
	<i>Asian, Pacific Islander Race</i>	
125-146	Same rent—Spanish origin categories as groups 81 to 102	
	<i>American Indian, Eskimo, or Aleut Race</i>	
147-168	Same rent—Spanish origin categories as groups 81 to 102	

Other Race (includes those races not listed above)

Same rent—Spanish origin categories as groups 81 to 102

VACANT HOUSING UNITS

Group

- 1 *Vacant for Rent*
- 2 *Vacant for Sale*
- 3 *Other Vacant*

The estimates produced by this procedure realize some of the gains in sampling efficiency that would have resulted if the population had been stratified into the ratio estimation groups before sampling, and the sampling rate had been applied independently to each group. The net effect is a reduction in both the standard error and the possible bias of most estimated characteristics to levels below what would have resulted from simply using the initial (unadjusted) weight. A by-product of this estimation procedure is that the estimates from the sample will, for the most part, be consistent with the complete-count figures for the population and housing unit groups used in the estimation procedure.

CONTROL OF NONSAMPLING ERROR

As mentioned above, nonsampling error is present in both sample and complete count data. If left unchecked, this error could introduce serious bias into the data, the variability of which could increase dramatically over that which would result purely from sampling. While it is impossible to completely eliminate nonsampling error from an operation as large and complex as the 1980 census, the Bureau of the Census attempted to control the sources of such error during the collection and processing operations. The primary sources of nonsampling error and the programs instituted for control of this error are described below. The success of these programs, however, was contingent upon how well the instructions were actually carried out during the census. To the extent possible, both the effects of these programs and the amount of error remaining after their application will be evaluated.

Undercoverage—It is possible for some persons or housing units to be entirely missed by the census. This undercoverage of persons and housing units can introduce biases into the data. Several extensive programs were developed to focus on this important problem.

- The Postal Service reviewed mailing lists and reported housing unit addresses which were missing, undeliverable, or duplicated in the listings.
- The purchased commercial mailing list was updated and corrected by a complete field review of the list of housing units during a precanvass operation.
- A record check was performed to reduce the undercoverage of individual persons in selected areas. Independent lists of persons, such as driver's license holders, were matched with the household rosters in the census listings. Persons not matched to the census rosters were followed up and added to the census counts if they were found to have been missed.
- A recheck of units initially classified as vacant or nonexistent was utilized to further reduce the undercoverage of persons.

More extensive discussions of programs developed to reduce undercoverage will be published as the analyses of those programs are completed.

Respondent and Enumerator Error—The person answering the questionnaire or responding to the questions posed by an enumerator could serve as a source of error by offering incorrect or incomplete information. To reduce this source of error, questions were phrased as clearly as possible based on precensus tests and detailed instructions for completing the questionnaire were provided to each household. In addition, respondents' answers were edited for completeness and consistency and followed up as necessary. For example, if the source of water item was incomplete for a housing unit, long-form field edit procedures would recognize the situation, and a followup attempt to obtain the information would be made.

The enumerator may misinterpret or otherwise incorrectly record information given by a respondent; may fail to collect some of the information for a person or household; or may collect sample data for

households that were not designated as part of the sample. To control these problems, the work of enumerators was carefully monitored. Field staff were prepared for their tasks by using standardized training packages which included experience in using census materials. A sample of the households interviewed by enumerators for nonresponse was reinterviewed to control for the possibility of data for fabricated persons being submitted by enumerators. Also, the estimation procedure was designed to control for biases that would result from the collection of data from households not designated for the sample.

Processing Error—The many phases of processing the census represent potential sources for the introduction of nonsampling error. The processing of the census questionnaires includes the field editing, followup, and transmittal of completed questionnaires; the manual coding of write-in responses; and the electronic data processing. The various field, coding and computer operations undergo a number of quality control checks to insure their accurate application.

Nonresponse—Nonresponse to particular questions on the census questionnaire allows for the introduction of bias into the data, since the characteristics of the nonrespondents have not been observed and may differ from those reported by respondents. As a result, any allocation procedure using respondent data may not completely reflect this difference either at the element level (individual person or housing unit) or on the average. Some protection against the introduction of large biases is afforded by minimizing

nonresponse. In the census, nonresponse was substantially reduced during the field operations by the various edit and follow-up operations aimed at obtaining a response for every question. Characteristics for the nonresponses remaining after this operation were allocated by the computer using reported data for a person or housing unit with similar characteristics. The allocation procedure is described below.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

In the field, questionnaires were reviewed for omissions and certain inconsistencies by a census clerk or an enumerator and, if necessary, a followup was made to obtain missing information. In addition, a similar review of questionnaires was done in the central processing offices. As a rule, however, editing was performed by hand only when it could not be done effectively by machine.

As one of the first steps in computerized editing, the configuration of marks on the questionnaire was scanned electronically to determine whether it contained information for a person or housing unit or merely spurious marks. If any characteristic for a housing unit was still missing when the questionnaires reached the central processing offices, it was supplied by allocation. Allocation, or assignments of acceptable codes in place of unacceptable entries, were

needed most often when an entry for a given item was lacking or when the information reported for a particular item was inconsistent with another item for the same housing unit. As in previous censuses, allocations or the assignment of acceptable entries were used to replace blanks or unacceptable entries. The allocation procedure was based on using information reported for another housing unit with characteristics similar to those of the housing unit for which allocation was necessary. For example, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renter-occupied unit. The assignment of acceptable codes in place of blanks or unacceptable entries is designed to enhance the usefulness of the data.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

ALLOCATION TABLES

The extent of allocations for nonresponses and inconsistencies for individual subject items is given for SMSA's and places in the 1980 Census of Population PC80-1-B and PC80-1-C reports and in the 1980 Census of Housing HC80-1-A and HC80-1-B reports.

Appendix D.—Accuracy of the Data

Table A. Unadjusted Standard Errors for Estimated Totals

[Based on a 1-in-6 simple random sample]

Estimated Total 1/	2/														
	500	1 000	2 500	5 000	10 000	25 000	50 000	100 000	250 000	500 000	1 000 000	5 000 000	10 000 000	25 000 000	
50.....	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
100.....	20	21	22	22	22	22	22	22	22	22	22	22	22	22	22
250.....	25	30	35	35	35	35	35	35	35	35	35	35	35	35	35
500.....	-	35	45	45	50	50	50	50	50	50	50	50	50	50	50
1 000.....	-	-	55	65	65	70	70	70	70	70	70	70	70	70	70
2 500.....	-	-	-	80	95	110	110	110	110	110	110	110	110	110	110
5 000.....	-	-	-	-	110	140	150	150	160	160	160	160	160	160	160
10 000.....	-	-	-	-	-	170	200	210	220	220	220	220	220	220	220
15 000.....	-	-	-	-	-	170	230	250	270	270	270	270	270	270	270
25 000.....	-	-	-	-	-	-	250	310	340	350	350	350	350	350	350
75 000.....	-	-	-	-	-	-	310	510	570	590	610	610	610	610	610
100 000.....	-	-	-	-	-	-	-	550	630	670	700	700	700	700	710
250 000.....	-	-	-	-	-	-	-	-	790	970	1 090	1 100	1 100	1 100	1 100
500 000.....	-	-	-	-	-	-	-	-	-	-	1 120	1 500	1 540	1 570	1 570
1 000 000....	-	-	-	-	-	-	-	-	-	-	-	2 000	2 120	2 190	2 190
5 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	3 540	4 470	4 470
10 000 000....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5 480

1/ For estimated totals larger than 10 000 000, the standard error is somewhat larger than the table values. The formula given below should be used to calculate the standard error.

$$Se(\hat{Y}) = \sqrt{5\hat{Y}(1-\hat{Y})/N}$$

N = Size of area

\hat{Y} = Estimate of characteristic total

2/ The total count of housing units in the area.

Table B. Unadjusted Standard Error in Percentage Points for Estimated Percentages

[Based on a 1-in-6 simple random sample]

Estimated Percentage	1/													
	500	750	1 000	1 500	2 500	5 000	7 500	10 000	25 000	50 000	100 000	250 000	500 000	
2 or 98.....	1.4	1.1	1.0	0.8	0.6	0.4	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
5 or 95.....	2.2	1.8	1.5	1.3	1.0	0.7	0.6	0.5	0.3	0.2	0.2	0.1	0.1	0.1
10 or 90.....	3.0	2.4	2.1	1.7	1.3	0.9	0.8	0.7	0.4	0.3	0.2	0.1	0.1	0.1
15 or 85.....	3.6	2.9	2.5	2.1	1.6	1.1	0.9	0.8	0.5	0.4	0.3	0.2	0.1	0.1
20 or 80.....	4.0	3.3	2.8	2.3	1.8	1.3	1.0	0.9	0.6	0.4	0.3	0.2	0.1	0.1
25 or 75.....	4.3	3.5	3.1	2.5	1.9	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.1	0.1
30 or 70.....	4.6	3.7	3.2	2.6	2.0	1.4	1.2	1.0	0.6	0.5	0.3	0.2	0.1	0.1
35 or 65.....	4.8	3.9	3.4	2.8	2.1	1.5	1.2	1.1	0.7	0.5	0.3	0.2	0.1	0.1
50.....	5.0	4.1	3.5	2.9	2.2	1.6	1.3	1.1	0.7	0.5	0.4	0.2	0.1	0.1

1/ For a percentage and/or base of percentage not shown in the table, the formula given below may be used to calculate the standard error.

$$Se(\hat{p}) = \sqrt{\frac{2}{B} \hat{p}(1-\hat{p})}$$

B = Base of estimated percentage

\hat{p} = Estimated percentage

Table C. Standard Error Adjustment Factors

(Percent of persons or housing units in sample)

Characteristic	Less than 19 Percent	19 to 33 Percent	More than 33 Percent
Household type.....	1.0	0.9	0.5
Age and sex of householder.....	1.0	1.0	0.5
Occupancy status.....	1.1	1.0	0.5
Vacant price asked and vacant rent asked..	1.1	1.0	0.5
Tenure.....	1.0	1.0	0.5
Units in structure.....	1.1	1.1	0.5
Stories in structure.....	0.9	0.9	0.4
Passenger elevator.....	0.9	0.9	0.4
Persons in unit.....	1.0	0.9	0.5
Year structure built.....	1.0	0.9	0.5
Year householder moved into housing unit.....	1.0	0.9	0.5
Heating equipment and fuel.....	1.1	0.9	0.5
Number of bedrooms.....	1.1	0.9	0.5
Rooms.....	1.1	0.9	0.5
Telephone in housing unit.....	1.0	0.9	0.5
Air conditioning.....	1.0	0.9	0.5
Vehicles available.....	1.0	1.0	0.5
Gross rent and contract rent.....	1.0	0.9	0.5
Gross rent as a percentage of household income in 1979.....	1.0	0.9	0.5
Mortgage status and selected monthly owner costs.....	1.0	1.0	0.5
Household income.....	1.0	0.9	0.5
Poverty status: Housing.....	1.0	1.0	0.5
Existence of complete plumbing for exclusive use with 1.01 persons per room or more.....	1.0	0.9	0.5
Value.....	1.0	1.0	0.5

Table D. Percent of Housing Units in Sample: 1980

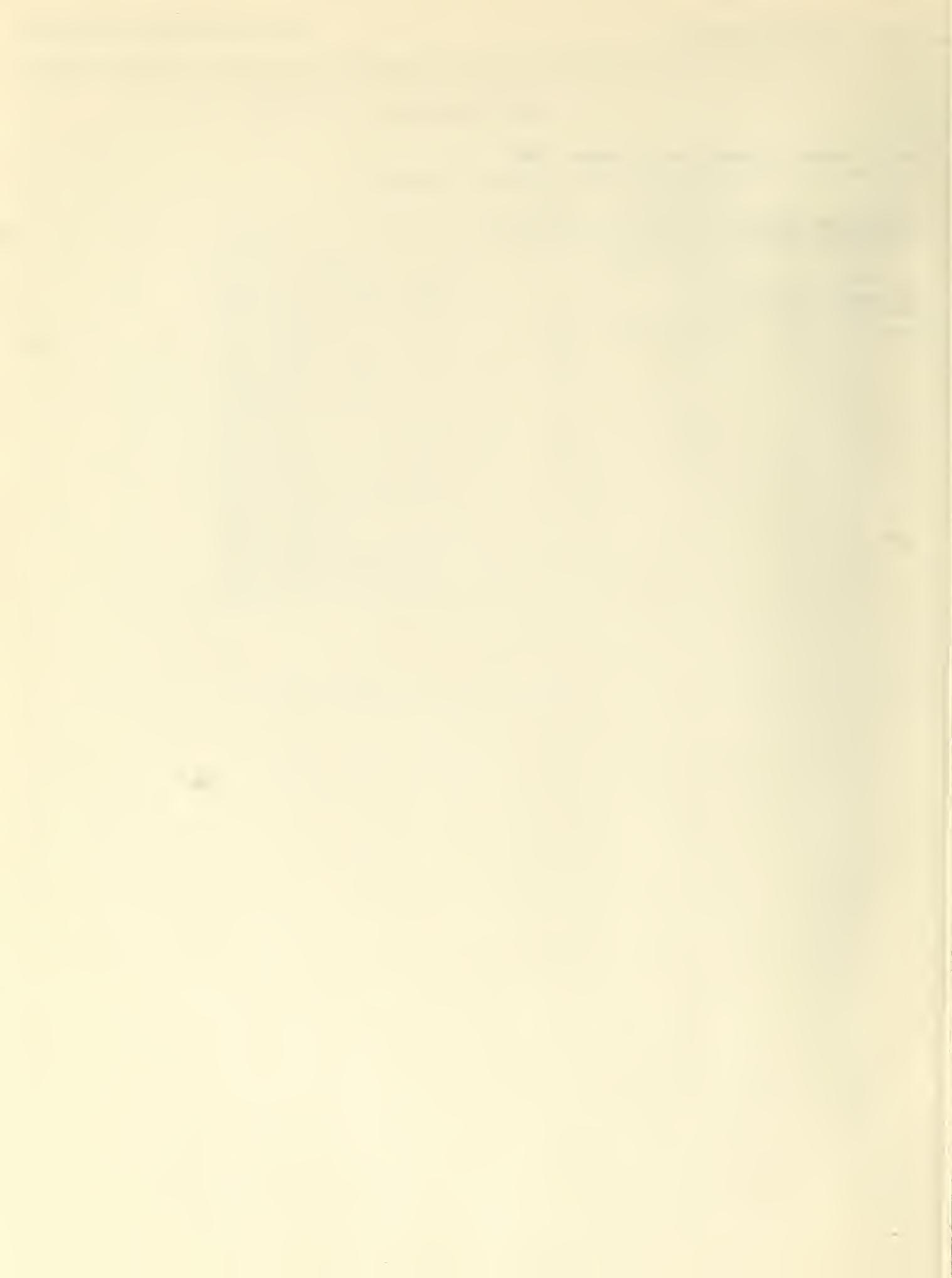
[For meaning of symbols, see Introduction. For definitions of terms, see appendices A and B]

**The SMSA
Places of 50,000 or More and
Central Cities of SMSA's**

**PLACES OF 50,000 OR MORE AND CENTRAL
CITIES OF SMSA's**

Sioux City city -----

Housing units		
100-percent count	Percent in sample	
45 151	19.4	
32 007	15.9	



Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

INSTRUCTIONS FOR QUESTIONS 1 THROUGH 10

1. List in question 1 (on page 1), the names of all the people who usually live here. Then turn to pages 2 and 3 where there are columns to list up to seven persons. In the first column print the name of one of the household members in whose name this home is owned or rented. If no household member owns or rents the living quarters, list in the first column any adult household member who is not a roomer, boarder, or paid employee. Print the names of the other household members, if any, in the columns which follow, using question 1 as a checklist.

2. Fill a circle to show how each person is related to the person in column 1.

A stepchild or legally adopted child of the person in column 1 should be marked Son/daughter. Foster children or wards living in the household should be marked Roomer, boarder.

3. Be sure to fill a circle for the sex of each person.

4. Fill the circle for the category with which the person most closely identifies. If you fill the Indian (American) or Other circle, be sure to print the name of the specific Indian tribe or specific group.

5. Enter age at last birthday in the space provided (enter "0" for babies less than one year old). Also enter month and year of birth, and fill the appropriate circles. For an illustration of how to complete question 5, see the example on pages 4 and 5. If age or month or year of birth is not known, give your best estimate.

6. If the person's only marriage was annulled, mark Never married.

7. A person is of Spanish/Hispanic origin or descent if the person identifies his or her ancestry with one of the listed groups, that is, Mexican, Puerto Rican, etc. Origin or descent (ancestry) may be viewed as the nationality group, the lineage, or country in which the person or the person's parents or ancestors were born.

8. Do not count enrollment in a trade or business school, company training, or tutoring unless the course would be accepted for credit at a regular elementary school, high school, or college. A public school is any school or college which is controlled and supported primarily by a local, county, State, or Federal Government.

9. Fill only one circle. Mark the highest grade ever attended even if the person did not finish it. If the person is still in school, mark the grade in which now enrolled. Schooling received in foreign or ungraded schools should be reported as the equivalent grade or year in the regular American school system. If uncertain whether a Head Start program is for nursery school or kindergarten, mark the circle for Nursery school.

If the person skipped or repeated grades, mark the highest grade ever attended regardless of how long it took to get there. Persons who did not attend any college but who completed high school by finishing the 12th grade or by passing an equivalency test, such as the

General Educational Development (GED) examination, should fill the circle for the 12th grade.

10. Mark Finished this grade (or year) only if the person finished the entire grade or year marked in question 9 or if the highest grade was completed by passing a high school equivalency test.

INSTRUCTIONS FOR QUESTIONS H4 THROUGH H12

- H4. Mark only one circle. *This address* means the house or building number where your living quarters are located.

- H5. Mark the second circle only if you *must* go through someone else's living quarters to get to your own.

- H6. Consider that you have hot water even if you have it only part of the time.

Mark Yes, but also used by another household if someone else who lives in the same building, but is not a member of your household, also uses the facilities. Mark this circle also if the occupants of living quarters now vacant would also use the facilities in your living quarters.

- H7. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count bathrooms, kitchenettes, strip or pullman kitchens, utility rooms, or unfinished attics, unfinished basements, or other space used for storage.

- H8. Mark Owned or being bought if the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, military housing, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H9. A condominium is housing in which the apartments or houses in a development are individually owned, but the common areas, such as lobbies, halls, etc., are jointly owned. The person owning a condominium very likely has a mortgage on the particular unit.

- H10b. A commercial establishment is easily recognized from the outside, for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients.

- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the

land. If this is a condominium unit, enter the estimated value for your living quarters and your share of the common elements.

- H12. Report the rent agreed to or contracted for, even if the rent is unpaid or paid by someone else.

If rent is not paid by the month, change the rent to a monthly amount; and then fill the appropriate circle in question H12.

If rent is paid:	Multiply rent by:
By the day	30
By the week	4
Every other week	2

If rent is paid:	Divide rent by:
4 times a year	3
2 times a year	6
Once a year	12

INSTRUCTIONS FOR QUESTIONS H13 THROUGH H20

- H13. Mark only one circle.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. *Attached* means that the house is joined to another house or building by at least one wall which goes from ground to roof.

Mark A **one-family house detached from any other house** when a mobile home or trailer has had one or more rooms added or built onto it; a porch or shed is not considered a room.

Count all occupied and vacant living quarters in the house or building, but not stores or office space.

- H14a. Do not count unfinished basements or unfinished attics. However, a basement or attic with finished room(s) for living purposes should be counted as a story.

- H15a. A *city or suburban* lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A *place* is a farm, ranch, or any other property, other than a city or suburban lot, on which this *residence* is located.

- H16. If a well provides water for six or more houses or apartments, mark A **public system**. If a well provides water for five or fewer houses or apartments, mark one of the categories for *individual well*.

Drilled wells, or small diameter wells, are usually less than 1½ feet in diameter. *Dug wells* are generally hand dug and are wider.

- H17. A **public sewer** is operated by a government body or a private organization. A *septic tank or cesspool* is an underground tank or pit used for disposal of sewage.

- H19. The term *person in column 1* refers to the person listed in the first column on page 2. This person should be the household member (or one of the members) in whose name the house is owned or rented. If there is no such person, any adult household member can be the person in column 1. Mark when this person last moved into this house or apartment.

- H20. This question refers to the type of *heating equipment* and not to the fuel used.

An *electric heat pump* is sometimes known as a reverse cycle

system. It may be centrally installed with ducts to the rooms or individual heat pumps in the rooms.

A *floor, wall, or pipeless furnace* delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed and does not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a *portable room heater*.

INSTRUCTIONS FOR QUESTIONS H21 THROUGH H32

- H21. *Gas from underground pipes* is piped in from a central system such as one operated by a public utility company or a municipal government. *Bottled, tank, or LP gas* is stored in tanks which are refilled or exchanged when empty. *Other fuel* includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.

- H22. If your living quarters are rented, enter the costs for utilities and fuels only if you pay for them in addition to the rent entered in H12. If already included in rent, fill the appropriate circle.

The amounts to be reported should be for the past 12 months, that is, for electricity and gas, the monthly *average* for the past 12 months; for water and other fuels, the *total* amount for the past 12 months.

Estimate as closely as possible when exact costs are not known.

Report amounts even if your bills are unpaid or paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({ }) the two utilities.

- H23. The kitchen sink, stove, and refrigerator must be located in the building but do *not* have to be in the same room. Portable cooking equipment is not considered as a range or cook stove.

- H26. Answer Yes *only* if the telephone is located in your living quarters.

- H27. Count only equipment used to cool the air by means of a refrigeration unit.

- H28—H29. Count company cars (including police cars and taxicabs) and company trucks that are regularly kept at home and used by household members. Do *not* count cars or trucks permanently out of working order.

- H30—H32. Do not answer these questions if you live in a cooperative, regardless of the number of units in the structure.

- H30. Report taxes for all taxing jurisdictions even if they are included in mortgage payment, not paid yet, paid by someone else, or are delinquent.

- H31. When premiums are paid on other than a yearly basis, convert to a yearly basis and enter the yearly amount, even if no payment was made during the past 12 months.

- H32a. The word "mortgage" is used as a general term to indicate all types of loans which are secured by real estate.

- b. A second or junior mortgage is also secured by real estate but has been made by the homeowner in addition to the first mortgage.
- c. Enter a monthly amount even if it is unpaid or paid by someone else. If the amount is paid on some other periodic basis, see instructions for H12 to change it to a monthly amount.

INSTRUCTIONS FOR QUESTIONS 11 THROUGH 14

11. For persons born in the United States:

Print the name of the State in which this person's mother was living when this person was born. For persons born in a hospital, do not give the State in which the hospital was located unless the hospital and the mother's home were in the same State or the location of the mother's home is not known. For example, if a person was born in a hospital in Washington, D.C., but the mother's home was in Virginia at the time of the person's birth, enter "Virginia."

For persons born outside the United States:

Print the full name of the foreign country or Puerto Rico, Guam, etc., where the person was born. Use international boundaries as now recognized by the United States. Specify whether Northern Ireland or Ireland (Eire); East or West Germany; England, Scotland or Wales (*not* Great Britain or United Kingdom). Specify the particular island in the Caribbean, *not*, for example, West Indies.

12. This question is only for persons born in a foreign country. Fill the Yes, a naturalized citizen circle only if the person has completed the naturalization process and is now a citizen.

If the person has entered the U.S. more than once, fill the circle for the year he or she came to stay permanently.

13a. Mark No, only speaks English if the person always speaks English at home; then skip to question 14.

Mark Yes if the person speaks a language other than English *at home*. Do not mark Yes for a language spoken only at school or if speaking ability is limited to a few expressions or slang.

b. Print the non-English language spoken at home. If this person speaks two or more non-English languages *at home* and cannot determine which is spoken most often, report the first language the person learned to speak.

c. Fill the circle that best describes the person's ability to speak English.

- (1) The circle *Very well* should be filled for persons who have no difficulty speaking English.
- (2) The circle *Well* should be filled for persons who have only minor problems which do not seriously limit their ability to speak English.
- (3) The circle *Not well* should be filled for persons who are seriously limited in their ability to speak English.
- (4) The circle *Not at all* should be filled for persons who do not speak English at all.

14. Print the ancestry group with which the person identifies. Ancestry (or origin or descent) may be viewed as the nationality group, the lineage, or the country in which the person or the person's parents or ancestors were born before their arrival in the United States. Persons who are of more than one origin and who cannot identify with a single group should print their multiple ancestry (for example, German-Irish).

Be specific; for example, if ancestry is "Indian," specify whether American Indian, Asian Indian, or West Indian. Distinguish Cape Verdean from Portuguese, and French Canadian from Canadian.

A religious group should not be reported as a person's ancestry.

INSTRUCTIONS FOR QUESTIONS 15 THROUGH 20

15a. Mark Yes, this house if this person lived in this same house or apartment on April 1, 1975, but moved away and came back between then and now. Mark No, different house if this person lived in the same building but in a different apartment (or in the same mobile home or trailer but on a different trailer site).

b. If this person lived in a different house or apartment on April 1, 1975, give the location of this person's usual home at that time.

Part (1) If the person was living in the United States on April 1, 1975, print the name of the State. If the person did not live in the United States on April 1, 1975, print the full name of the foreign country or Puerto Rico, Guam, etc.

Part (2) If in Louisiana, print the parish name. If in Alaska, print the borough name. If in New York City — print the borough name if the county name is not known. If an independent city, leave blank.

Part (3) If in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island or Vermont, print the name of the town rather than the name of the village or city, unless the name of the town is unknown.

Part (4) Mark Yes if you know that the location is now inside the limits of a city, town, village or other incorporated place, even if it was not inside the limits on April 1, 1975.

17a. Mark Yes only if this person was on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard. Mark No if the person was in the National Guard or the reserves.

b. Mark Yes if the person was attending a college or university either full or part time and was enrolled for credit toward a degree. Mark No if the person was taking only non-credit courses or was attending a vocational or trade school, such as secretarial school.

c. Mark Yes, full time if the person worked full time (35 hours or more per week). Mark Yes, part time if the person worked part time (less than 35 hours per week). Mark No if the person only did unpaid volunteer work, housework or yard work at own home, or if the only work done was as a resident of an institution.

18a. Mark Yes if this person was ever on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or Coast Guard, even if the time served was short. For persons in the National Guard or military reserve units, mark Yes only if the person was ever called to active duty; mark No if the only service was active duty for training.

b. If this person served during more than one period, fill all circles which apply, even if service was for a short time.

19. The term "health condition" refers to any physical or mental problem which has lasted for 6 or more months. A serious problem with seeing, hearing, or speech should be considered a health condition. Pregnancy or a temporary health problem such as a broken bone that is expected to heal normally should not be considered a health condition.

20. Count all children born alive, including any who have died (even shortly after birth) or who no longer live with her.

INSTRUCTIONS FOR QUESTIONS 21 THROUGH 26

21. If the exact date of marriage is not known, give your best estimate.
- 22a. Mark Yes if the person worked, either full or part time, on any day of last week (Sunday through Saturday).

Count as work:

Work for someone else for wages, salary, piece rate, commission, tips, or payments "in kind" (for example, food, lodging received as payment for work performed).

Work in own business, professional practice, or farm.

Any work in a family business or farm, paid or not.

Any part-time work including babysitting, paper routes, etc.

Active duty in Armed Forces.

Do not count as work:

Housework or yard work at home.

Unpaid volunteer work.

Work done as a resident of an institution.

- b. Give the *actual* number of hours worked at *all jobs last week*, even if that was more or fewer hours than usually worked.

23. If the person worked at several locations, but reported to the same location each day to begin work, print where he or she reported. If the person did not report to the same location each day to begin work, print the words "various locations" for 23a, and give as much information as possible in the remainder of 23 to identify the area in which he or she worked *most* last week.

If the person's employer operates in more than one location (such as a grocery store chain or public school system), give the exact address of the location or branch where the person worked.

If the person worked in a foreign country or Puerto Rico, Guam, etc., print the name of the country in 23e and leave the other parts of 23 blank.

- 24a. Travel time is from door to door. Include time taken waiting for public transportation, picking up passengers in carpools, etc.

- b. Mark Worked at home for a person who works on a farm where he or she lives, or in an office or shop in the person's home.

- c. If the person was driven to work by someone who then drove back home or to a non-work destination, mark Drive alone.

- d. Do not include riders who rode to school or some other non-work destination.

25. If the person works only during certain seasons or on a day-to-day basis when work is available, mark No.

- 26a. Mark Yes if the person tried to get a job or to start a business or professional practice at any time in the last *four* weeks; for example, registered at an employment office, went to a job interview, placed or answered ads, or did anything toward starting a business or professional practice.

- b. Mark No, already has a job if the person was on layoff or was expecting to report to a job within 30 days.

Mark No, temporarily ill if the person expects to be able to work within 30 days.

Mark No, other reasons if the person could not have taken a job because he or she was going to school, taking care of children, etc.

INSTRUCTIONS FOR QUESTIONS 27 THROUGH 29

27. Look at the instructions for 22a to see what to count as work. Mark Never worked if the person: (1) never worked at any kind of job or business, either full or part time, (2) never did any work, with or without pay, in a family business or farm and (3) never served in the Armed Forces.

- 28a. If the person worked for a company, business, or government agency, print the name of the company, not the name of the person's supervisor. If the person worked for an individual or a business that has no company name, print the name of the individual worked for. If the person worked in his or her own business, print "self-employed."

- b. Print two or more words to tell what the business, industry, or individual employer named in 28a does. If there is more than one activity, describe only the major activity *at the place where the person works*. Enter what is made, what is sold, or what service is given.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Furniture company	Metal furniture manufacturing
Grocery store	Wholesale grocery store
Oil company	Retail gas station
Ranch	Cattle ranch

- c. Mark Manufacturing if the factory, plant, mill, etc., mostly makes things, even if it also sells them.

Mark Wholesale trade if the business mostly sells things to stores or other companies.

Mark Retail trade if the business mostly sells things (not services) to individuals.

Mark Other if the main activity of the employer is not making or selling things. Some examples of Other are farming, construction, and services such as those provided by hotels, dry cleaners, repair shops, schools, and banks.

- 29a. Print two or more words to describe the kind of work the person does. If the person is a trainee, apprentice, or helper, include that in the description.

Some examples of what is needed to make an answer acceptable are shown on the census form and here.

<u>Unacceptable</u>	<u>Acceptable</u>
Clerk	Production clerk
Helper	Carpenter's helper
Mechanic	Auto engine mechanic
Nurse	Registered nurse

- b. Print the most important things that the person does on the job. Some examples are shown on the census form.

INSTRUCTIONS FOR QUESTIONS 30 THROUGH 33

30. If the person was an employee of a *private* nonprofit organization, such as a church, fill the first circle.

Mark Local government employee for a teacher working in an elementary or secondary public school.

- 31a. Look at the instructions for question 22a to see what to count as work.

- b. Count every week in which the person did any work at all, even for an hour.

- c. If the hours worked each week varied considerably, give the best estimate of the hours usually worked most weeks.

- d. Count every week in which the person did not work at all, but spent any time looking for work or on layoff from a job. *Looking for work* means trying to get a job or start a business or professional practice; *layoff* includes either temporary or indefinite layoff.

32. Fill the Yes or No circle for each part and enter the appropriate amount. If income from any source was received jointly by household members, report if possible, the appropriate share for each person; otherwise, report the whole amount for only one person and mark No for the other person, unless the other person has additional income of the same type.

- a. Include sick leave pay. Do not include reimbursement for business

expenses and pay "in kind," (for example, food, lodging received as payment for work performed).

- b. Include net earnings (gross earnings minus business expenses) from a nonfarm business. If business lost money, write "Loss" above the amount.

- c. Include net earnings (gross receipts minus operating expenses) from a farm. If farm lost money, write "Loss" above the amount.

- d. Include interest and dividends credited to the person's account (for example, from savings accounts and stock shares), net royalties, and net income from rental property.

- e. Include Social Security or Railroad Retirement payments to retired persons, to dependents of deceased insured workers and to disabled workers.

- f. Include public assistance or welfare payments received from Federal, State, or local agencies. Do not include private welfare payments.

- g. Include all other regular payments, such as government employee retirement, union or private pensions and annuities; unemployment benefits; worker's compensation; Armed Forces allotments; private welfare payments; regular contributions from persons not living in the household; etc.

Do not include lump-sum payments received from the sale of property (capital gains), insurance policies, inheritances, etc.

33. If no income was received in 1979, fill the None circle. If total income was a loss, write "Loss" above the amount.

Please fill out this
official Census Form
and mail it back on
Census Day,
Tuesday, April 1, 1980

1980 Census of the United States

If the address shown below has the wrong apartment identification,
please write the correct apartment number or location here:

•

•

•

DO A1 A2 A4 A5 A6 **L**

Your answers are confidential

By law (title 13, U.S. Code), census employees are subject to fine and/or imprisonment for any disclosure of your answers. Only after 72 years does your information become available to other government agencies or the public. The same law requires that you answer the questions to the best of your knowledge.

Para personas de habla hispana

(For Spanish-speaking persons):

SI USTED DESEA UN CUESTIONARIO DEL CENSO EN ESPAÑOL
llame a la oficina del censo. El número de teléfono se encuentra en
el encasillado de la dirección.

O, si prefiere, marque esta casilla y devuelva el cuestionario
por correo en el sobre que se le incluye.

A message from the Director,
Bureau of the Census . . .

We must, from time to time, take stock of ourselves as a people if our Nation is to meet successfully the many national and local challenges we face. This is the purpose of the 1980 census.

The essential need for a population census was recognized almost 200 years ago when our Constitution was written. As provided by article I, the first census was conducted in 1790 and one has been taken every 10 years since then.

The law under which the census is taken protects the confidentiality of your answers. For the next 72 years — or until April 1, 2052 — only sworn census workers have access to the individual records, and no one else may see them.

Your answers, when combined with the answers from other people, will provide the statistical figures needed by public and private groups, schools, business and industry, and Federal, State, and local governments across the country. These figures will help all sectors of American society understand how our population and housing are changing. In this way, we can deal more effectively with today's problems and work toward a better future for all of us.

The census is a vitally important national activity. Please do your part by filling out this census form accurately and completely. If you mail it back promptly in the enclosed postage-paid envelope, it will save the expense and inconvenience of a census taker having to visit you.

Thank you for your cooperation.

How to fill out your Census Form

Page 1

See the filled-out example in the yellow instruction guide. This guide will help with any problems you may have.

If you need more help, call the Census Office. The telephone number of the local office is shown at the bottom of the address box on the front cover.

Use a black pencil to answer the questions. Black pencil is better to use than ballpoint or other pens.

Fill circles "O" completely, like this ●

When you write in an answer, print or write clearly

Make sure that answers are provided for everyone here

See page 4 of the guide if a roomer or someone else in the household does not want to give you all the information for the form.

Answer the questions on pages 1 through 5, and then starting with pages 6 and 7, fill a pair of pages for each person in the household.

Check your answers. Then write your name, the date, and telephone number on page 20.

Mail back this form on Tuesday, April 1, or as soon afterward as you can. Use the enclosed envelope; no stamp is needed.

Please start by answering Question 1 below

Question 1

List in Question 1

- Family members living here, including babies still in the hospital
 - Relatives living here
 - Lodgers or boarders living here
 - Other persons living here
 - College students who stay here while attending college, even if their parents live elsewhere
 - Persons who usually live here but are temporarily away (including children in boarding school below the college level)
 - Persons with a home elsewhere but who stay here most of the week while working

1. What is the name of each person who was living here on Tuesday, April 1, 1980, or who was staying or visiting here and had no other home?

Note

If everyone here is staying only temporarily and has a usual home elsewhere, please mark this box

Then please

- answer the questions on pages 2 through 5 only, and
 - enter the address of your usual home on page 20.

Please continue 

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 2

→ ALSO ANSWER THE HOUSING QUESTIONS ON PAGE 3

Here are the QUESTIONS ↓	These are the columns for ANSWERS → Please fill one column for each person listed in Question 1.	PERSON in column 1 Last name First name Middle initial		PERSON in column 2 Last name First name Middle initial	
2. How is this person related to the person in column 1? <i>Fill one circle.</i> <i>If "Other relative" of person in column 1, give exact relationship, such as mother-in-law, niece, grandson, etc.</i>		START in this column with the household member (or one of the members) in whose name the home is owned or rented. If there is no such person, start in this column with any adult household member.		If relative of person in column 1: <input type="radio"/> Husband/wife <input type="radio"/> Father/mother <input type="radio"/> Son/daughter <input type="radio"/> Other relative <input type="radio"/> Brother/sister	
3. Sex <i>Fill one circle.</i>		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female		<input type="radio"/> Male <input checked="" type="checkbox"/> <input type="radio"/> Female	
4. Is this person — <i>Fill one circle.</i>		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <i>Print tribe</i> →		<input type="radio"/> White <input type="radio"/> Asian Indian <input type="radio"/> Black or Negro <input type="radio"/> Hawaiian <input type="radio"/> Japanese <input type="radio"/> Guamanian <input type="radio"/> Chinese <input type="radio"/> Samoan <input type="radio"/> Filipino <input type="radio"/> Eskimo <input type="radio"/> Korean <input type="radio"/> Aleut <input type="radio"/> Vietnamese <input type="radio"/> Other — <i>Specify</i> <i>Print tribe</i> →	
5. Age, and month and year of birth <i>a. Print age at last birthday.</i> <i>b. Print month and fill one circle.</i> <i>c. Print year in the spaces, and fill one circle below each number.</i>		a. Age at last birthday 1 <input type="checkbox"/>	c. Year of birth 1 8 0 8 0 9 1 1 0 2 2 0 3 3 0 4 4 0 5 5 0 6 6 0 7 7 0 8 8 0 9 9 0	a. Age at last birthday 1 <input type="checkbox"/>	c. Year of birth 1 8 0 0 0 9 1 0 1 0 2 2 0 3 3 0 4 4 0 5 5 0 6 6 0 7 7 0 8 8 0 9 9 0
6. Marital status <i>Fill one circle.</i>		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced		<input type="radio"/> Now married <input type="radio"/> Separated <input type="radio"/> Widowed <input type="radio"/> Never married <input type="radio"/> Divorced	
7. Is this person of Spanish/Hispanic origin or descent? <i>Fill one circle.</i>		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic		<input type="radio"/> No (not Spanish/Hispanic) <input type="radio"/> Yes, Mexican, Mexican-Amer., Chicano <input type="radio"/> Yes, Puerto Rican <input checked="" type="checkbox"/> <input type="radio"/> Yes, Cuban <input type="radio"/> Yes, other Spanish/Hispanic	
8. Since February 1, 1980, has this person attended regular school or college at any time? <i>Fill one circle. Count nursery school, kindergarten, elementary school, and schooling which leads to a high school diploma or college degree.</i>		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related		<input type="radio"/> No, has not attended since February 1 <input type="radio"/> Yes, public school, public college <input type="radio"/> Yes, private, church-related <input type="radio"/> Yes, private, not church-related	
9. What is the highest grade (or year) of regular school this person has ever attended? <i>Fill one circle.</i> <i>If now attending school, mark grade person is in. If high school was finished by equivalency test (GED), mark "12."</i>		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="checkbox"/> <input type="checkbox"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="checkbox"/> <input type="checkbox"/> <input type="radio"/> Never attended school — <i>Skip question 10</i>		Highest grade attended: <input type="radio"/> Nursery school <input type="radio"/> Kindergarten Elementary through high school (grade or year) 1 2 3 4 5 6 7 8 9 10 11 12 <input type="checkbox"/> <input type="checkbox"/> College (academic year) <input checked="" type="checkbox"/> 1 2 3 4 5 6 7 8 or more <input type="checkbox"/> <input type="checkbox"/> <input type="radio"/> Never attended school — <i>Skip question 10</i>	
10. Did this person finish the highest grade (or year) attended? <i>Fill one circle.</i>		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)		<input type="radio"/> Now attending this grade (or year) <input type="radio"/> Finished this grade (or year) <input type="radio"/> Did not finish this grade (or year)	
CENSUS USE ONLY		A. <input type="radio"/> I <input type="checkbox"/> <input type="radio"/> N <input type="radio"/> O	CENSUS USE ONLY		A. <input type="radio"/> I <input type="checkbox"/> <input type="radio"/> N <input type="radio"/> O

PERSON in column 7	
Last name	
First name Middle initial	
If relative of person in column 1:	
<input type="radio"/> Husband/wife	<input type="radio"/> Father/mother
<input type="radio"/> Son/daughter	<input type="radio"/> Other relative
<input type="radio"/> Brother/sister	
If not related to person in column 1:	
<input type="radio"/> Roomer, boarder	<input type="radio"/> Other nonrelative
<input type="radio"/> Partner, roommate	
<input type="radio"/> Paid employee	
<input type="radio"/> Male	<input checked="" type="checkbox"/> Female
a. Age at last birthday	
1	c. Year of birth
1	1 8 0 6 0 0
b. Month of birth	1 9 0 1 0 1 0 2 0 2 0 3 0 3 0 4 0 4 0 5 0 5 0 6 0 6 0 7 0 7 0 8 0 8 0 9 0 9 0
<input type="radio"/> Jan.—Mar.	<input type="radio"/> Separated
<input type="radio"/> Widowed	<input type="radio"/> Never married
<input type="radio"/> Divorced	
o No (not Spanish/Hispanic)	
o Yes, Mexican, Mexican-Amer., Chicano	
o Yes, Puerto Rican	
o Yes, Cuban	
o Yes, other Spanish/Hispanic	
o No, has not attended since February 1	
o Yes, public school, public college	
o Yes, private, church-related	
o Yes, private, not church-related	
Highest grade attended:	
<input type="radio"/> Nursery school	<input type="radio"/> Kindergarten
Elementary through high school (grade or year)	
1 2 3 4 5 6 7 8 9 10 11 12	o o o o o o o o o o o o
College (academic year)	
1 2 3 4 5 6 7 8 or more	o o o o o o o o
o Never attended school—Skip question 10	
o Now attending this grade (or year)	
o Finished this grade (or year)	
o Did not finish this grade (or year)	
CENSUS USE ONLY	A. o I o N o O

→ **NOW PLEASE ANSWER QUESTIONS H1—H12**

FOR YOUR HOUSEHOLD

If you listed more than 7 persons in Question 1, please see note on page 20.

- H1. Did you leave anyone out of Question 1 because you were not sure if the person should be listed — for example, a new baby still in the hospital, a lodger who also has another home, or a person who stays here once in a while and has no other home?**
- Yes — On page 20 give name(s) and reason left out.
 No
- H2. Did you list anyone in Question 1 who is away from home now — for example, on a vacation or in a hospital?**
- Yes — On page 20 give name(s) and reason person is away.
 No
- H3. Is anyone visiting here who is not already listed?**
- Yes — On page 20 give name of each visitor for whom there is no one at the home address to report the person to a census taker.
 No
- H4. How many living quarters, occupied and vacant, are at this address?**
- One
 2 apartments or living quarters
 3 apartments or living quarters
 4 apartments or living quarters
 5 apartments or living quarters
 6 apartments or living quarters
 7 apartments or living quarters
 8 apartments or living quarters
 9 apartments or living quarters
 10 or more apartments or living quarters
 This is a mobile home or trailer
- H5. Do you enter your living quarters —**
- Directly from the outside or through a common or public hall?
 Through someone else's living quarters?
- H6. Do you have complete plumbing facilities in your living quarters, that is, hot and cold piped water, a flush toilet, and a bathtub or shower?**
- Yes, for this household only
 Yes, but also used by another household
 No, have some but not all plumbing facilities
 No plumbing facilities in living quarters
- H7. How many rooms do you have in your living quarters?**
- Do not count bathrooms, porches, balconies, foyers, halls, or half-rooms.*
- 1 room
 2 rooms
 3 rooms
 4 rooms
 5 rooms
 6 rooms
 7 rooms
 8 rooms
 9 or more rooms
- H8. Are your living quarters —**
- Owned or being bought by you or by someone else in this household?
 Rented for cash rent?
 Occupied without payment of cash rent?

H9. Is this apartment (house) part of a condominium?

- No
 Yes, a condominium

H10. If this is a one-family house —

- a. Is the house on a property of 10 or more acres?
 Yes No
- b. Is any part of the property used as a commercial establishment or medical office?
 Yes No

H11. If you live in a one-family house or a condominium unit which you own or are buying —

What is the value of this property, that is, how much do you think this property (house and lot or condominium unit) would sell for if it were for sale?

Do not answer this question if this is —

- A mobile home or trailer
 A house on 10 or more acres
 A house with a commercial establishment or medical office on the property

- Less than \$10,000
 \$10,000 to \$14,999
 \$15,000 to \$17,499
 \$17,500 to \$19,999
 \$20,000 to \$22,499
 \$22,500 to \$24,999
 \$25,000 to \$27,499
 \$27,500 to \$29,999
 \$30,000 to \$34,999
 \$35,000 to \$39,999
 \$40,000 to \$44,999
 \$45,000 to \$49,999
- \$50,000 to \$54,999
 \$55,000 to \$59,999
 \$60,000 to \$64,999
 \$65,000 to \$69,999
 \$70,000 to \$74,999
 \$75,000 to \$79,999
 \$80,000 to \$89,999
 \$90,000 to \$99,999
 \$100,000 to \$124,999
 \$125,000 to \$149,999
 \$150,000 to \$199,999
 \$200,000 or more

H12. If you pay rent for your living quarters —

What is the monthly rent?

If rent is not paid by the month, see the instruction guide on how to figure a monthly rent.

- Less than \$50
 \$50 to \$59
 \$60 to \$69
 \$70 to \$79
 \$80 to \$89
 \$90 to \$99
 \$100 to \$109
 \$110 to \$119
 \$120 to \$129
 \$130 to \$139
 \$140 to \$149
 \$150 to \$159
- \$160 to \$169
 \$170 to \$179
 \$180 to \$189
 \$190 to \$199
 \$200 to \$224
 \$225 to \$249
 \$250 to \$274
 \$275 to \$299
 \$300 to \$349
 \$350 to \$399
 \$400 to \$449
 \$500 or more

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A4. Block number	A6. Serial number	B. Type of unit or quarters	For vacant units	D. Months vacant	E. Total persons
1 2 3 4 5 6 7 8 9 10 11 12	o o o o o o o o o o o o	<u>Occupied</u>	C1. Is this unit for —	<input type="radio"/> Less than 1 month	o o o
		<input type="radio"/> First form	<input type="radio"/> Year round use	<input type="radio"/> 1 up to 2 months	I I I
		<input type="radio"/> Continuation	<input type="radio"/> Seasonal/Mig. — Skip C2, C3, and D.	<input type="radio"/> 2 up to 6 months	2 2 2
		<u>Vacant</u>	C2. Vacancy status	<input type="radio"/> 6 up to 12 months	3 3 3
		<input type="radio"/> Regular	<input type="radio"/> For rent	<input type="radio"/> 1 year up to 2 years	4 4 4
		<input type="radio"/> Usual home elsewhere	<input type="radio"/> For sale only	<input type="radio"/> 2 or more years	5 5 5
		Group quarters	<input type="radio"/> Rented or sold, not occupied		6 6 6
		<input type="radio"/> First form	<input type="radio"/> Held for occasional use		7 7 7
		<input type="radio"/> Continuation	<input type="radio"/> Other vacant		8 8 8
			C3. Is this unit boarded up?	<input type="radio"/> Yes <input type="radio"/> No	9 9 9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 4

ALSO ANSWER THESE QUESTIONS

H13. Which best describes this building? Include all apartments, flats, etc., even if vacant.		H21a. Which fuel is used most for house heating?	
<input type="radio"/> A mobile home or trailer <input type="radio"/> A one-family house detached from any other house <input type="radio"/> A one-family house attached to one or more houses <input type="radio"/> A building for 2 families <input type="radio"/> A building for 3 or 4 families <input type="radio"/> A building for 5 to 9 families <input type="radio"/> A building for 10 to 19 families <input type="radio"/> A building for 20 to 49 families <input type="radio"/> A building for 50 or more families <input type="radio"/> A boat, tent, van, etc.		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
H14a. How many stories (floors) are in this building? Count an attic or basement as a story if it has any finished rooms for living purposes.		b. Which fuel is used most for water heating?	
<input type="radio"/> 1 to 3 — <i>Skip to H15</i> <input type="radio"/> 7 to 12 <input type="radio"/> 4 to 6 <input type="radio"/> 13 or more stories		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
b. Is there a passenger elevator in this building?		c. Which fuel is used most for cooking?	
<input type="radio"/> Yes <input type="radio"/> No		<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used	
H15a. Is this building —		H22. What are the costs of utilities and fuels for your living quarters?	
<input type="radio"/> On a city or suburban lot, or on a place of less than 1 acre? — <i>Skip to H16</i> <input type="radio"/> On a place of 1 to 9 acres? <input type="radio"/> On a place of 10 or more acres?		a. Electricity \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> b. Gas \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> c. Water \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> d. Oil, coal, kerosene, wood, etc. \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>	
H16. Do you get water from —		H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.	
<input type="radio"/> A public system (city water department, etc.) or private company? <input type="radio"/> An individual drilled well? <input type="radio"/> An individual dug well? <input type="radio"/> Some other source (a spring, creek, river, cistern, etc.)?		<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No	
H17. Is this building connected to a public sewer?		H24. How many bedrooms do you have?	
<input type="radio"/> Yes, connected to public sewer <input type="radio"/> No, connected to septic tank or cesspool <input type="radio"/> No, use other means		<i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms	
H18. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.		H25. How many bathrooms do you have?	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1960 to 1969 <input type="radio"/> 1940 to 1949 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1939 or earlier <input type="radio"/> 1970 to 1974 <input checked="" type="checkbox"/>		<i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms	
H19. When did the person listed in column 1 move into this house (or apartment)?		H26. Do you have a telephone in your living quarters?	
<input type="radio"/> 1979 or 1980 <input type="radio"/> 1950 to 1959 <input type="radio"/> 1975 to 1978 <input type="radio"/> 1949 or earlier <input type="radio"/> 1970 to 1974 <input type="radio"/> Always lived here <input type="radio"/> 1960 to 1969		<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No <input checked="" type="checkbox"/>	
H20. How are your living quarters heated? Fill one circle for the kind of heat used most.		H27. Do you have air conditioning?	
<input type="radio"/> Steam or hot water system <input type="radio"/> Central warm-air furnace with ducts to the individual rooms <i>(Do not count electric heat pumps here)</i> <input type="radio"/> Electric heat pump <input type="radio"/> Other built-in electric units (permanently installed in wall, ceiling, or baseboard) <input type="radio"/> Floor, wall, or pipeless furnace <input type="radio"/> Room heaters with flue or vent, burning gas, oil, or kerosene <input type="radio"/> Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) <input type="radio"/> Fireplaces, stoves, or portable room heaters of any kind <input type="radio"/> No heating equipment		<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No	
H28. How many automobiles are kept at home for use by members of your household?		H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?	
<input type="radio"/> None <input checked="" type="checkbox"/> <input type="radio"/> 2 automobiles <input checked="" type="checkbox"/> <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles		<input type="radio"/> None <input type="radio"/> 2 vans or trucks <input checked="" type="checkbox"/> <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks	

H21a. Which fuel is used most for house heating?		CENSUS USE	
<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used		<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> I <input type="radio"/> I <input type="radio"/> I <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	
b. Which fuel is used most for water heating?		H22a.	
<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used		<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> I <input type="radio"/> I <input type="radio"/> I <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	
c. Which fuel is used most for cooking?		H22b.	
<input type="radio"/> Gas: from underground pipes serving the neighborhood <input type="radio"/> Gas: bottled, tank, or LP <input type="radio"/> Electricity <input type="radio"/> Fuel oil, kerosene, etc. <input checked="" type="checkbox"/> <input type="radio"/> Coal or coke <input type="radio"/> Wood <input type="radio"/> Other fuel <input type="radio"/> No fuel used		<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> I <input type="radio"/> I <input type="radio"/> I <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	
H22. What are the costs of utilities and fuels for your living quarters?		H22c.	
a. Electricity \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> b. Gas \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Average monthly cost</i> c. Water \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i> d. Oil, coal, kerosene, wood, etc. \$ <input type="text"/> .00 OR <input type="radio"/> Included in rent or no charge <i>Yearly cost</i>		<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> I <input type="radio"/> I <input type="radio"/> I <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	
H23. Do you have complete kitchen facilities? Complete kitchen facilities are a sink with piped water, a range or cookstove, and a refrigerator.		H22d.	
<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No		<input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> 0 <input type="radio"/> I <input type="radio"/> I <input type="radio"/> I <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 7 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 8 <input type="radio"/> 9 <input type="radio"/> 9 <input type="radio"/> 9	
H24. How many bedrooms do you have?		H25. How many bathrooms do you have?	
<i>Count rooms used mainly for sleeping even if used also for other purposes.</i> <input type="radio"/> No bedroom <input type="radio"/> 2 bedrooms <input type="radio"/> 4 bedrooms <input type="radio"/> 1 bedroom <input type="radio"/> 3 bedrooms <input type="radio"/> 5 or more bedrooms		<i>A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.</i> <i>A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.</i> <input type="radio"/> No bathroom, or only a half bathroom <input type="radio"/> 1 complete bathroom <input type="radio"/> 1 complete bathroom, plus half bath(s) <input type="radio"/> 2 or more complete bathrooms	
H26. Do you have a telephone in your living quarters?		H27. Do you have air conditioning?	
<input type="radio"/> Yes <input checked="" type="checkbox"/> <input type="radio"/> No <input checked="" type="checkbox"/>		<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No	
H27. Do you have air conditioning?		H28. How many automobiles are kept at home for use by members of your household?	
<input type="radio"/> Yes, a central air-conditioning system <input type="radio"/> Yes, 1 individual room unit <input type="radio"/> Yes, 2 or more individual room units <input type="radio"/> No		<input type="radio"/> None <input type="radio"/> 2 automobiles <input checked="" type="checkbox"/> <input type="radio"/> 1 automobile <input type="radio"/> 3 or more automobiles	
H28. How many automobiles are kept at home for use by members of your household?		H29. How many vans or trucks of one-ton capacity or less are kept at home for use by members of your household?	
<input type="radio"/> None <input type="radio"/> 2 vans or trucks <input checked="" type="checkbox"/> <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks		<input type="radio"/> None <input type="radio"/> 2 vans or trucks <input checked="" type="checkbox"/> <input type="radio"/> 1 van or truck <input type="radio"/> 3 or more vans or trucks	

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

FOR YOUR HOUSEHOLD

Page 5

Please answer H30–H32 if you live in a one-family house which you own or are buying, unless this is —

- A mobile home or trailer
- A house on 10 or more acres
- A condominium unit
- A house with a commercial establishment or medical office on the property

If any of these, or if you rent your unit or this is a multi-family structure, skip H30 to H32 and turn to page 6.

H30. What were the real estate taxes on this property last year?

\$.00 OR None

H31. What is the annual premium for fire and hazard insurance on this property?

\$.00 OR None

H32a. Do you have a mortgage, deed of trust, contract to purchase, or similar debt on this property?

- Yes, mortgage, deed of trust, or similar debt
- Yes, contract to purchase
- No — Skip to page 6

b. Do you have a second or junior mortgage on this property?

- Yes
- No

c. How much is your total regular monthly payment to the lender?

Also include payments on a contract to purchase and to lenders holding second or junior mortgages on this property.

\$.00 OR No regular payment required — Skip to page 6

d. Does your regular monthly payment (amount entered in H32c) include payments for real estate taxes on this property?

- Yes, taxes included in payment
- No, taxes paid separately or taxes not required

e. Does your regular monthly payment (amount entered in H32c) include payments for fire and hazard insurance on this property?

- Yes, insurance included in payment
- No, insurance paid separately or no insurance

Please turn to page 6

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(1)	2.	4.	(2)	2.	4.	(3)	2.	4.
S.S.	0 0 0 0 0	I I I I I	S.S.	0 0 0 0 0	I I I I I	S.S.	0 0 0 0 0	I I I I I
Yes	3 3 3 3 3	4 4 4 4 4	Yes	3 3 3 3 3	4 4 4 4 4	Yes	3 3 3 3 3	4 4 4 4 4
No	7 7 7 7 7	8 8 8 8 8	No	7 7 7 7 7	8 8 8 8 8	No	7 7 7 7 7	8 8 8 8 8
O	5 5 5 5 5	6 6 6 6 6	O	5 5 5 5 5	6 6 6 6 6	O	5 5 5 5 5	6 6 6 6 6
(4)	2. <input type="checkbox"/>	4.	(5)	2. <input type="checkbox"/>	4.	(6)	2. <input type="checkbox"/>	4.
S.S.	0 0 0 0 0	I I I I I	S.S.	0 0 0 0 0	I I I I I	S.S.	0 0 0 0 0	I I I I I
Yes	3 3 3 3 3	4 4 4 4 4	Yes	3 3 3 3 3	4 4 4 4 4	Yes	3 3 3 3 3	4 4 4 4 4
No	7 7 7 7 7	8 8 8 8 8	No	7 7 7 7 7	8 8 8 8 8	No	7 7 7 7 7	8 8 8 8 8
O	5 5 5 5 5	6 6 6 6 6	O	5 5 5 5 5	6 6 6 6 6	O	5 5 5 5 5	6 6 6 6 6
(7)	2. <input type="checkbox"/>	4.	GQ. <input type="checkbox"/>	H30.	H31. <input type="checkbox"/>	H32c.		
S.S.	0 0 0 0 0	I I I I I	0 0 0 0 0	I I I I I	I I I I I	I I I I I	0 0 0 0 0	I I I I I
Yes	3 3 3 3 3	4 4 4 4 4	3 3 3 3 3	4 4 4 4 4	5 5 5 5 5	5 5 5 5 5	6 6 6 6 6	6 6 6 6 6
No	7 7 7 7 7	8 8 8 8 8	7 7 7 7 7	8 8 8 8 8	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9	9 9 9 9 9

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

Page 6

Name of Person 1 on page 2:		
Last name	First name	Middle initial
11. In what State or foreign country was this person born? Print the State where this person's mother was living when this person was born. Do not give the location of the hospital unless the mother's home and the hospital were in the same State.		
Name of State or foreign country; or Puerto Rico, Guam, etc.		
12. If this person was born in a foreign country — a. Is this person a naturalized citizen of the United States? ○ Yes, a naturalized citizen ○ No, not a citizen ○ Born abroad of American parents		
b. When did this person come to the United States to stay? ○ 1975 to 1980 ○ 1965 to 1969 ○ 1950 to 1959 ○ 1970 to 1974 ○ 1960 to 1964 ○ Before 1950		
13a. Does this person speak a language other than English at home? ○ Yes ○ No, only speaks English — Skip to 14		
b. What is this language? (For example — Chinese, Italian, Spanish, etc.)		
c. How well does this person speak English? ○ Very well ○ Not well ○ Well ○ Not at all		
14. What is this person's ancestry? If uncertain about how to report ancestry, see Instruction guide. (For example: Afro-Amer., English, French, German, Honduran, Hungarian, Irish, Italian, Jamaican, Korean, Lebanese, Mexican, Nigerian, Polish, Ukrainian, Venezuelan, etc.)		
15a. Did this person live in this house five years ago (April 1, 1975)? If in college or Armed Forces in April 1975, report place of residence there. ○ Born April 1975 or later — Turn to next page for next person ○ Yes, this house — Skip to 16 ○ No, different house		
b. Where did this person live five years ago (April 1, 1975)? (1) State, foreign country. Puerto Rico, Guam, etc.: — (2) County: — (3) City, town, village, etc.: — (4) Inside the incorporated (legal) limits of that city, town, village, etc.? ○ Yes ○ No, in unincorporated area		

16. When was this person born? ○ Born before April 1965 — Please go on with questions 17-33 ○ Born April 1965 or later — Turn to next page for next person							
17. In April 1975 (five years ago) was this person — a. On active duty in the Armed Forces? ○ Yes ○ No b. Attending college? ○ Yes ○ No c. Working at a job or business? ○ Yes, full time ○ No ○ Yes, part time							
18a. Is this person a veteran of active-duty military service in the Armed Forces of the United States? If service was in National Guard or Reserves only, see Instruction guide. ○ Yes ○ No — Skip to 19							
b. Was active-duty military service during — Fill a circle for each period in which this person served. ○ May 1975 or later ○ Vietnam era (August 1964—April 1975) ○ February 1955—July 1964 ○ Korean conflict (June 1950—January 1955) ○ World War II (September 1940—July 1947) ○ World War I (April 1917—November 1918) ○ Any other time							
19. Does this person have a physical, mental, or other health condition which has lasted for 6 or more months and which ... a. Limits the kind or amount of work this person can do at a job? Yes No b. Prevents this person from working at a job? Yes No c. Limits or prevents this person from using public transportation? Yes No							
20. If this person is a female — None 1 2 3 4 5 6 How many babies has she ever had, not counting stillbirths? ○ ○ ○ ○ ○ ○ Do not count her stepchildren 7 8 9 10 11 12 or more or children she has adopted. ○ ○ ○ ○ ○ ○							
21. If this person has ever been married — a. Has this person been married more than once? ○ Once ○ More than once — b. Month and year of marriage? Month and year of first marriage? (Month) (Year) (Month) (Year) c. If married more than once — Did the first marriage end because of the death of the husband (or wife)? ○ Yes ○ No							
FOR CENSUS USE ONLY							
Per.	11. <input checked="" type="checkbox"/>	13b. <input checked="" type="checkbox"/>	14. <input checked="" type="checkbox"/>	15b. <input checked="" type="checkbox"/>	23. <input checked="" type="checkbox"/>	○ VL	24a. <input checked="" type="checkbox"/>
No.	0 0 0	0 0 0		0 0 0	0 0 0	0 0 0	0 0 0
1	I I I	I I I		I I I	I I I	I I I	I I I
2	2 2 2	2 2 2		2 2 2	2 2 2	2 2 2	2 2 2
3	3 3 3	3 3 3		3 3 3	3 3 3	3 3 3	3 3 3
4	4 4 4	4 4 4		4 4 4	4 4 4	4 4 4	4 4 4
5	5 5 5	5 5 5		5 5 5	5 5 5	5 5 5	5 5 5
6	6 6 6	6 6 6		6 6 6	6 6 6	6 6 6	6 6 6
7	7 7 7	7 7 7		7 7 7	7 7 7	7 7 7	7 7 7
8	8 8 8	8 8 8		8 8 8	8 8 8	8 8 8	8 8 8
	9 9 9	9 9 9		9 9 9	9 9 9	9 9 9	9 9 9

ANSWER THESE QUESTIONS FOR

22a. Did this person work at any time last week?	
○ Yes — Fill this circle if this person worked full time or part time. (Count part-time work such as delivering papers, or helping without pay in a family business or farm. Also count active duty in the Armed Forces.)	○ No — Fill this circle if this person did not work, or did only own housework, school work, or volunteer work.
Skip to 25	
b. How many hours did this person work last week (at all jobs)? Subtract any time off; add overtime or extra hours worked.	
Hours <input checked="" type="checkbox"/>	
c. At what location did this person work last week? If this person worked at more than one location, print where he or she worked most last week. If one location cannot be specified, see Instruction guide.	
d. Address (Number and street) <input checked="" type="checkbox"/>	
If street address is not known, enter the building name, shopping center, or other physical location description.	
e. Name of city, town, village, borough, etc. <input checked="" type="checkbox"/>	
c. Is the place of work inside the incorporated (legal) limits of that city, town, village, borough, etc.? <input checked="" type="checkbox"/>	
○ Yes ○ No, in unincorporated area	
d. County <input checked="" type="checkbox"/>	
e. State <input checked="" type="checkbox"/> f. ZIP Code <input checked="" type="checkbox"/>	
24a. Last week, how long did it usually take this person to get from home to work (one way)?	
Minutes <input checked="" type="checkbox"/>	
b. How did this person usually get to work last week? If this person used more than one method, give the one usually used for most of the distance.	
<input checked="" type="checkbox"/> Car <input checked="" type="checkbox"/> Taxicab <input checked="" type="checkbox"/> Truck <input checked="" type="checkbox"/> Motorcycle <input checked="" type="checkbox"/> Van <input checked="" type="checkbox"/> Bicycle <input checked="" type="checkbox"/> Bus or streetcar <input checked="" type="checkbox"/> Walked only <input checked="" type="checkbox"/> Railroad <input checked="" type="checkbox"/> Worked at home <input checked="" type="checkbox"/> Subway or elevated <input checked="" type="checkbox"/> Other — Specify	
If car, truck, or van in 24b, go to 24c. Otherwise, skip to 28.	

Appendix E.—Facsimiles of Respondent Instructions and Questionnaire Pages

PERSON 1 ON PAGE 2

Page 7

<p>c. When going to work <u>last week</u>, did this person usually —</p> <p><input type="radio"/> Drive alone — Skip to 28 <input type="radio"/> Drive others only <input type="radio"/> Share driving <input type="radio"/> Ride as passenger only</p> <p>d. How many people, including this person, usually rode to work in the car, truck, or van <u>last week</u>?</p> <p><input type="radio"/> 2 <input checked="" type="checkbox"/> 4 <input type="radio"/> 6 <input type="radio"/> 3 <input type="radio"/> 5 <input type="radio"/> 7 or more</p> <p><i>After answering 24d, skip to 28.</i></p>		<p>CENSUS USE</p> <p>21b.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>I</td><td>○</td><td>○</td></tr> <tr><td>○</td><td>1</td><td>1</td></tr> <tr><td>○</td><td>2</td><td>2</td></tr> <tr><td>II</td><td>3</td><td>3</td></tr> <tr><td>○</td><td>4</td><td>4</td></tr> <tr><td>III</td><td>5</td><td>5</td></tr> <tr><td>○</td><td>6</td><td>6</td></tr> <tr><td>○</td><td>7</td><td>7</td></tr> <tr><td>IV</td><td>8</td><td>8</td></tr> <tr><td>○</td><td>9</td><td>9</td></tr> </table>	I	○	○	○	1	1	○	2	2	II	3	3	○	4	4	III	5	5	○	6	6	○	7	7	IV	8	8	○	9	9	<p>31a. Last year (1979), did this person work, even for a few days, at a paid job or in a business or farm?</p> <p><input type="radio"/> Yes <input checked="" type="checkbox"/> No — Skip to 31d</p> <p>b. How many weeks did this person work in 1979? <i>Count paid vacation, paid sick leave, and military service.</i></p> <p style="text-align: center;">Weeks</p>			<p>CENSUS USE ONLY</p> <p>31b. 31c. 31d.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>	○	○	○	○	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8	9	9	9	9	
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<p>25. Was this person <u>temporarily absent</u> or on <u>layoff</u> from a job or business <u>last week</u>?</p> <p><input type="radio"/> Yes, on layoff <input type="radio"/> Yes, on vacation, temporary illness, labor dispute, etc. <input type="radio"/> No</p>		<p>c. During the weeks <u>worked</u> in 1979, how many hours did this person usually work each week?</p> <p style="text-align: center;">Hours</p>			<p>32a. <input checked="" type="checkbox"/> 32b.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>			○	○	○	○	○	○	○	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9
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<p>26a. Has this person been looking for work during the last 4 weeks?</p> <p><input checked="" type="checkbox"/> Yes <input type="radio"/> No — Skip to 27</p> <p>b. Could this person have taken a job <u>last week</u>?</p> <p><input type="radio"/> No, already has a job <input checked="" type="checkbox"/> <input type="radio"/> No, temporarily ill <input type="radio"/> No, other reasons (in school, etc.) <input type="radio"/> Yes, could have taken a job</p>		<p>d. Of the weeks <u>not worked</u> in 1979 (if any), how many weeks was this person looking for work or on layoff from a job?</p> <p style="text-align: center;">Weeks</p>			<p>32a. <input checked="" type="checkbox"/> 32b.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>			○	○	○	○	○	○	○	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9
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<p>27. When did this person last work, even for a few days?</p> <p><input type="radio"/> 1980 <input type="radio"/> 1978 <input type="radio"/> 1970 to 1974 <input type="radio"/> 1979 <input type="radio"/> 1975 to 1977 <input type="radio"/> 1969 or earlier <input checked="" type="checkbox"/> Skip to 31d <input type="radio"/> Never worked</p>		<p>32. Income in 1979 —</p> <p><i>Fill circles and print dollar amounts.</i> <i>If net income was a loss, write "Loss" above the dollar amount.</i> <i>If exact amount is not known, give best estimate. For income received jointly by household members, see Instruction guide.</i></p> <p>During 1979 did this person receive any income from the following sources?</p>			<p>32c. <input checked="" type="checkbox"/> 32d.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td><td>○</td></tr> <tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr> <tr><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr> <tr><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr> <tr><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td><td>4</td></tr> <tr><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td><td>5</td></tr> <tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr> <tr><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td><td>7</td></tr> <tr><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td><td>8</td></tr> <tr><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td></tr> </table>			○	○	○	○	○	○	○	1	1	1	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	4	4	4	4	4	4	4	5	5	5	5	5	5	5	6	6	6	6	6	6	6	7	7	7	7	7	7	7	8	8	8	8	8	8	8	9	9	9	9	9	9	9
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<p>28—30. Current or most recent job activity</p> <p><i>Describe clearly this person's chief job activity or business last week.</i> <i>If this person had more than one job, describe the one at which this person worked the most hours.</i> <i>If this person had no job or business last week, give information for last job or business since 1975.</i></p>		<p>28.</p> <p>A B C <input type="radio"/> <input type="radio"/> <input type="radio"/> D E F <input type="radio"/> <input type="radio"/> <input type="radio"/> G H J <input type="radio"/> <input type="radio"/> <input type="radio"/> K L M <input type="radio"/> <input type="radio"/> <input type="radio"/> O P Q <input type="radio"/> <input type="radio"/> <input type="radio"/> I L I 2 Z 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9</p>			<p>a. For whom did this person work? If now on active duty in the Armed Forces, print "AF" and skip to question 31.</p> <p><i>(Name of company, business, organization, or other employer)</i></p> <p>b. What kind of business or industry was this?</p> <p><i>Describe the activity at location where employed.</i></p> <p><i>(For example: Hospital, newspaper publishing, mail order house, auto engine manufacturing, breakfast cereal manufacturing)</i></p> <p>c. Is this mainly — (Fill one circle)</p> <p>Manufacturing <input checked="" type="checkbox"/> Retail trade Wholesale trade <input type="radio"/> Other — (agriculture, construction, service, government, etc.)</p>																																																																								
<p>29. Occupation</p> <p>a. What kind of work was this person doing?</p> <p><i>(For example: Registered nurse, personnel manager, supervisor of order department, gasoline engine assembler, grinder operator)</i></p> <p>b. What were this person's most important activities or duties?</p> <p><i>(For example: Patient care, directing hiring policies, supervising order clerks, assembling engines, operating grinding mill)</i></p>		<p>29.</p> <p>N P Q <input type="radio"/> <input type="radio"/> <input type="radio"/> R S T <input type="radio"/> <input type="radio"/> <input type="radio"/> U V W <input type="radio"/> <input type="radio"/> <input type="radio"/> X Y Z <input type="radio"/> <input type="radio"/> <input type="radio"/></p>			<p>d. Social Security or Railroad Retirement . . .</p> <p><input checked="" type="checkbox"/> Yes — \$.00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>f. Supplemental Security (SSI), Aid to Families with Dependent Children (AFDC), or other public assistance or public welfare payments . . .</p> <p><input checked="" type="checkbox"/> Yes — \$.00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>g. Unemployment compensation, veterans' payments, pensions, alimony or child support, or any other sources of income received regularly . . .</p> <p><i>Exclude lump-sum payments such as money from an inheritance or the sale of a home.</i></p> <p><input checked="" type="checkbox"/> Yes — \$.00 <input type="radio"/> No <i>(Annual amount — Dollars)</i></p> <p>33. What was this person's total income in 1979?</p> <p><i>Add entries in questions 32a through g; subtract any losses.</i> \$.00 <i>If total amount was a loss, write "Loss" above amount.</i> OR <input type="radio"/> None</p>																																																																								
<p>30. Was this person — (Fill one circle)</p> <p>Employee of private company, business, or individual, for wages, salary, or commissions . . . <input checked="" type="checkbox"/> Federal government employee . . . <input type="radio"/> State government employee . . . <input type="radio"/> Local government employee (city, county, etc.) . . . <input type="radio"/> Self-employed in own business, professional practice, or farm — Own business not incorporated . . . <input type="radio"/> Own business incorporated . . . <input type="radio"/> Working without pay in family business or farm . . . <input type="radio"/></p>																																																																													

→ Please turn to the next page and answer the questions for Person 2 on page 2

Appendix F.—Publication and Computer Tape Program

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STF 3 Microfiche	F-5
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GENERAL

The results of the 1980 Census of Population and Housing are issued in three forms: printed reports, computer tape

files, and microfiche. Most of the reports listed are issued on a flow basis through 1983. A few may be issued later, such as Subject Reports and Evaluation and Reference Reports.

The publications of the 1980 census are released under three subject titles: *1980 Census of Population and Housing*, *1980 Census of Population*, and *1980 Census of Housing*. The description of the publication program below is organized in sections, by census title, followed by the reports under each title. It should be noted that a number of population census reports contain some housing data and a number of housing census reports contain some population data. Following the description of the publication program are sections on computer tapes, maps, and microfiche.

The data product descriptions include listings of geographic areas for which data are summarized in that product. Note that the term "place" refers to incorporated places and census designated (or unincorporated) places, as well as towns and townships in 11 States (the 6 New England States, the 3 Middle Atlantic States, Michigan, and Wisconsin).

Order forms for these materials are available, subject to availability of the data product, from Data User Services Division, Customer Services, Bureau of the Census, Washington, D.C. 20233; Census Bureau Regional Offices; U.S. Department of Commerce District Offices; and State Data Centers. After issuance, census reports are on file in many libraries and are available for examination at any Department of Commerce District Office or Census Bureau Regional Office.

PUBLICATIONS

Population and Housing Census Reports

PHC80-1, Block Statistics—These reports, which are issued on microfiche rather

than in print form, present population and housing unit totals and statistics on selected characteristics which are based on complete-count tabulations. Data are shown for blocks in urbanized areas and selected adjacent areas, for blocks in places of 10,000 or more inhabitants, and for blocks in areas which contracted with the Census Bureau to provide block statistics.

The set of reports consists of 374 sets of microfiche and includes a report for each standard metropolitan statistical area (SMSA), showing blocked areas within the SMSA, and a report for each State and for Puerto Rico, showing blocked areas outside SMSA's. In addition to microfiche, printed detailed maps showing the blocks covered by the particular report are available as well as a U.S. Summary, which is an index to the set.

PHC80-2, Census Tracts—Statistics for most of the population and housing subjects included in the 1980 census are presented for census tracts in SMSA's and in other tracted areas. Both complete-count data and sample data are included. Most statistics are presented by race and Spanish origin for areas with at least a specified number of persons in the relevant population group.

There is one report for each SMSA, as well as one for each of the States and Puerto Rico which have tracted areas outside SMSA's. In addition, maps showing the boundaries and identification numbers of census tracts in the SMSA are available as well as a U.S. Summary, which is an index to the set and also provides a historical listing of the total number of tracts by area.

PHC80-3, Summary Characteristics for Governmental Units and Standard Metropolitan Statistical Areas—Statistics are presented on total population and on complete-count and sample population characteristics such as age, race, education, disability, ability to speak English, labor force, and income, and on total housing units and housing characteristics such as value, age of structure, and rent. These statistics are shown for the following areas or their equivalents: States, SMSA's, counties, county subdivisions (those which are functioning general-purpose local governments), and incorporated places.

There is one report for each State, the District of Columbia, and Puerto Rico.

This series does not include a U.S. Summary.

PHC80-4, Congressional Districts of the 98th Congress—These reports present complete-count and sample data for congressional districts of the 98th Congress. The reports reflect redistricting based on the 1982 elections. One report is issued for each of the 50 States and the District of Columbia.

PHC80-S1-1, Provisional Estimates of Social, Economic, and Housing Characteristics—This report presents provisional estimates based on sample data collected in the 1980 census. Data on social, economic, and housing characteristics are shown for the United States as a whole, each State, the District of Columbia, and SMSA's of 1 million or more inhabitants.

These data are based on a special sub-sample of the full census sample. The sample, which represents about 1.6 percent of the total population, was developed to provide users with initial data on characteristics of the population and housing units for the Nation and large areas.

PHC80-S2, Advance Estimates of Social, Economic, and Housing Characteristics—These reports present advance sample data from the 1980 census including such social and economic characteristics of the population as education, migration, labor force, and income as well as housing characteristics such as structural information, mortgage, and gross rent.

The set consists of 50 paperbound reports and includes one report for each State and the District of Columbia. No report will be issued for the United States as a whole.

Each report presents population and housing characteristics for the State, its counties or comparable areas, and places of 25,000 or more inhabitants. Selected data are shown for four race groups (White; Black; combined American Indian, Eskimo, and Aleut; and Asian and Pacific Islander) as well as for persons of Spanish origin.

Population Census Reports

PC80-1, Volume 1, Characteristics of the Population—This volume presents final

population counts and statistics on population characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of four chapters for each area, chapters A, B, C, and D. Chapters A and B present data collected on a complete-count basis, and chapters C and D present estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The population totals presented in chapters A and B may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Chapters B, C, and D present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A, B, C, and D.

PC80-1-A, Chapter A, Number of Inhabitants—Final population counts are shown for the following areas or their equivalents: States, counties, county subdivisions, incorporated places and census designated places, standard consolidated statistical areas (SCSA's), SMSA's, and urbanized areas. Selected tables contain population counts by urban and rural residence. Many tables contain population counts from previous censuses.

PC80-1-B, Chapter B, General Population Characteristics—Statistics on household relationship, age, race, Spanish origin, sex, and marital status are shown for the following areas or their equivalents: States, counties (by total and rural residence), county subdivisions, places of 1,000 or more inhabitants, SCSA's,

SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-C, Chapter C, General Social and Economic Characteristics—Statistics are presented on nativity, State or country of birth, citizenship and year of immigration for the foreign-born population, language spoken at home and ability to speak English, ancestry, fertility, family composition, type of group quarters, marital history, residence in 1975, journey to work, school enrollment, years of school completed, disability, veteran status, labor force status, occupation, industry, class of worker, labor force status in 1979, income in 1979, and poverty status in 1979. In addition, data on subjects shown in the PC80-1-B reports are presented in this report in more detail.

Each subject is shown for some or all of the following areas or their equivalents: States, counties (by rural and rural-farm residence), places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages.

PC80-1-D, Chapter D, Detailed Population Characteristics—Statistics on most of the subjects covered in the PC80-1-C reports are presented in this report in considerably greater detail and cross-classified by age, race, Spanish origin, and other characteristics. Each subject is shown for the State or equivalent area, and some subjects are also shown for rural residence at the State level. Most subjects are shown for SMSA's of 250,000 or more inhabitants, and a few are shown for central cities of these SMSA's.

PC80-2, Volume 2, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. A few reports show statistics for States, SMSA's, large cities, American Indian reservations, or Alaska Native villages. Separate reports are issued on such subjects as racial and ethnic groups, type of residence, fertility, families, marital status, migration, education, employment, occupation, industry, journey to work, income, poverty status, and other topics.

PC80-S1, Supplementary Reports—These reports present special compilations of

1980 census statistics dealing with specific population subjects.

Housing Census Reports

HC80-1, Volume 1, Characteristics of Housing Units—This volume presents final housing unit counts and statistics on housing characteristics. It consists of reports for the following 57 areas: the United States, each of the 50 States, the District of Columbia, Puerto Rico, and the Outlying Areas—Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. The volume consists of two chapters for each area, chapters A and B. Chapter A presents data collected on a complete-count basis, and chapter B presents estimates based on sample information, except for the Outlying Areas where all data were collected on a complete-count basis.

The housing totals presented in this report may differ from the counts presented earlier in the PHC80-V reports because corrections were made for errors found after the PHC80-V reports were issued. Both chapters present statistics by race and Spanish origin for areas with at least a specified number of the relevant population group.

The U.S. Summary reports present statistics for the United States, regions, divisions, States, and selected areas below the State level. The State or equivalent Area reports (which include the District of Columbia, Puerto Rico, and the Outlying Areas) present statistics for the State or equivalent area and its subdivisions.

Statistics for each of the 57 areas are issued in separate paperbound reports of chapters A and B.

HC80-1-A, Chapter A, General Housing Characteristics—Statistics on units at address, tenure, condominium status, number of rooms, persons per room, plumbing facilities, value, contract rent, and vacancy status are shown for some or all of the following areas or their equivalents: States, counties, county subdivisions, places of 1,000 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables contain housing characteristics by urban and rural residence.

HC80-1-B, Chapter B, Detailed Housing Characteristics—Statistics on units in structure, year moved into unit, year structure built, heating equipment, fuels, air-conditioning, source of water, sewage disposal, gross rent, and selected monthly ownership costs are shown for some or all of the following areas or their equivalents: States, counties, places of 2,500 or more inhabitants, SCSA's, SMSA's, urbanized areas, American Indian reservations, and Alaska Native villages. Selected tables show housing characteristics for rural and rural farm residence at the State and county level. Some subjects included in the HC80-1-A reports are also covered in this report in more detail.

HC80-2, Volume 2, Metropolitan Housing Characteristics—This volume presents statistics on most of the 1980 housing census subjects in considerable detail and cross-classification. Most statistics are presented by race and Spanish origin for areas with at least a specified number of the relevant population group. Data are shown for States or equivalent areas, SMSA's and their central cities, and other cities of 50,000 or more inhabitants.

There is one report for each SMSA and one report for each State and Puerto Rico. The set includes a U.S. Summary report showing these statistics for the United States and regions.

HC80-3, Volume 3, Subject Reports—Each of the reports in this volume focuses on a particular subject and provides highly detailed distributions and cross-classifications on a national, regional, and divisional level. Separate reports are issued on housing of the elderly, mobile homes, and American Indian households.

HC80-4, Volume 4, Components of Inventory Change—This volume consists of two reports presenting statistics on the 1980 characteristics of housing units which existed in 1973, as well as on newly constructed units, conversions, mergers, demolitions, and other additions and losses to the housing inventory between 1973 and 1980. These reports present data derived from a sample survey conducted in the fall of 1980. Data are presented for the United States and regions in report I. Report II has two parts: Part A presents data for that group of SMSA's (not individually identified)

with populations of 1 million or more at the time of the 1970 census, and part B presents data for that group of SMSA's (not individually identified) with populations of less than 1 million at the time of the 1970 census.

HC80-5, Volume 5, Residential Finance—This volume consists of one report presenting statistics on the financing of non-farm homeowner and rental and vacant properties, including characteristics of the mortgage, property, and owner. The statistics are based on a sample survey conducted in the spring of 1981. Data are presented for the United States and regions. Some data are presented by inside and outside SMSA's and by central cities.

HC80-S1-1, Supplementary Reports—These reports present statistics from the 1980 Census of Housing on general characteristics of housing units for the 50 States and the District of Columbia, counties, and independent cities.

Evaluation and Reference Reports

PHC80-E, Evaluation and Research Reports—These reports present the results of the extensive evaluation program conducted as an integral part of the 1980 census. This program relates to such matters as completeness of enumeration and quality of the data on characteristics.

PHC80-R, Reference Reports—These reports present information on the various administrative and methodological aspects of the 1980 census. The series includes:

PHC80-R1, Users' Guide—This report covers subject content, procedures, geography, statistical products, limitations of the data, sources of user assistance, notes on data use, a glossary of terms, and guides for locating data in reports and tape files. The guide is issued in loose-leaf form and sold in parts (R1-A, B, etc.) as they are printed.

PHC80-R2, History—This report describes in detail all phases of the 1980 census, from the earliest planning through all stages to the dissemination of data and evaluation of results. It contains detailed discussion of 1980 census questions and their use in previous decennial censuses.

PHC80-R3, Alphabetical Index of Industries and Occupations—This report was developed primarily for use in classifying responses to the questions on the kind of business (industry) and kind of work (occupation) in which the respondent is engaged. The index lists approximately 20,000 industry and 29,000 occupation titles in alphabetical order.

PHC80-R4, Classified Index of Industries and Occupations—This report defines the industrial and occupational classification systems adopted for the 1980 Census of Population. It presents the individual titles that constitute each of the 231 industry and 503 occupation categories in the classification systems. The individual titles are the same as those shown in the Alphabetical Index. The 1980 occupation classification reflects the new U.S. Standard Occupational Classification (SOC). As in the past, the 1980 industry classification reflects the Standard Industrial Classification (SIC).

PHC80-R5, Geographic Identification Code Scheme—This report identifies the names and related geographic codes for each State, county, minor civil division, place, region, division, SCSA, SMSA, American Indian reservation, and Alaska Native village for which the Census Bureau tabulated data from the 1980 census.

COMPUTER TAPES

Summary Tape Files

In addition to the printed and microfiche reports, results of the 1980 census also are provided on computer tape in the form of summary tape files (STF's). These data products have been designed to provide statistics with greater subject and geographic detail than is feasible or desirable to provide in printed and microfiche reports. The STF data are made available at nominal cost. The data are subject to suppression of certain detail where necessary to protect confidentiality.

There are five STF's (listed below), and the amount of geographic and subject detail presented varies. STF's 1 and 2 contain complete-count data, and STF's 3, 4, and 5 contain sample data. Note that the term "cells" used below refers

to the number of subject statistics provided for each geographic area, and the number of cells is indicative of the detail of the subject content of the file.

Each of the STF's generally consists of two or more files which provide different degrees of geographic detail and, in some cases, race/Spanish origin cross-classification. For each of the files there is a separate tape or tapes for each State, the District of Columbia, and Puerto Rico. Selected files (STF 1 and STF 3) are also produced for Guam, the Virgin Islands of the United States, American Samoa, and the Northern Mariana Islands and the remainder of the Trust Territory of the Pacific Islands. These tapes are issued on a State-by-State basis and are followed by a national summary tape for the particular file. More complete descriptions of the STF's than given in the summaries below can be found in the technical documentation of the specific file and in the PHC80-R1, *Users' Guide*.

STF 1—This STF provides 321 cells of complete-count population and housing data. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, congressional districts, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and blocks and block groups in blocked areas. The data include those shown in the PHC80-1, PHC80-3 (complete-count), and PC80-1-A reports.

STF 2—This STF contains 2,292 cells of detailed complete-count population and housing data, of which 962 are repeated for each race and Spanish origin group present in the tabulation area. Data are summarized for the United States, regions, divisions, States, SCSA's, SMSA's, urbanized areas, counties, county subdivisions, places of 1,000 or more inhabitants, census tracts, American Indian reservations, and Alaska Native villages. The data include those shown in the PHC80-2 (complete-count), PC80-1-B, and HC80-1-A reports.

STF 3—This STF contains 1,126 cells of data on various population and housing subjects collected on a sample basis. The areas covered are the same as in STF 1, excluding blocks. The data include those shown in the PHC80-3 (sample) reports.

STF 4—This STF is the geographic counterpart of STF 2, but the number of cells of data is greater (approximately 8,400). STF 4 provides data covering virtually all of the population and housing subjects collected on a sample basis, as well as some of the complete-count subjects. Some of the statistics are repeated for race, Spanish origin, and ancestry groups. Data are summarized for areas similar to those shown in STF 2, except that data for places are limited to those with 2,500 or more inhabitants. The data include those shown in the PHC80-2 (sample), PC80-1-C, and HC80-1-B reports.

STF 5—This STF contains over 100,000 cells of data on various population and housing subjects collected on a sample basis and provides detailed tabulations and cross-classifications for States, SMSA's, counties, cities of 50,000 or more inhabitants and central cities. Most subjects are classified by race and Spanish origin. The data include those shown in the PC80-1-D and HC80-2 reports.

Other Computer Tape Files

P.L. 94-171, Population Counts—In accordance with Public Law (P.L.) 94-171, the Census Bureau provides population tabulations to all States for legislative reapportionment/redistricting. The file is issued on a State-by-State basis. It contains population counts classified by race and Spanish origin. The data are tabulated for the following levels of geography as applicable: States, counties, county subdivisions, incorporated places, census tracts, blocks and block groups in blocked areas, and enumeration districts in unblocked areas. For States participating in the voluntary program to define election precincts in conjunction with the Census Bureau, the data are also tabulated for election precincts.

Master Area Reference Files 1 and 2 (MARF)

MARF 1—This geographic reference file is an extract of STF 1 designed for those who require a master list of geographic codes and areas, along with basic census counts arranged hierarchically from the State down to the block group and enumeration district levels and is issued on a State-by-State basis. The file contains records for States, counties, county subdivisions, places, census tracts, enumeration districts in unblocked areas, and block groups in blocked areas. Each record shows the total population by five race groups, population of Spanish origin, number of housing units, number of households, number of families, and a few other items.

MARF 2—This file is the same as the MARF 1 with the latitude and longitude coordinates for a representative point (centroid) in each block group (BG) or enumeration district (ED) outside block numbered areas.

Geographic Base File/Dual Independent Map Encoding (GBF/DIME)—These files are computer representations of the Metropolitan Map Series, including address ranges and ZIP Codes, which generally cover the urbanized portions of SMSA's. GBF/DIME files are used to assign census geographic codes to addresses (geocoding). The files are available by SMSA.

Public-Use Microdata Samples—Public-use microdata samples are computerized files containing most population and housing characteristics as shown on a sample of individual census records. These files contain no names or addresses, and geographic identification is sufficiently broad to protect confidentiality.

There are three mutually exclusive samples, the A sample including 5 percent of all persons and housing units, and the

B and C samples each including 1 percent of all persons and housing units. States and most large SMSA's will be identifiable on one or more of the files. Microdata files allow the user to prepare customized tabulations.

Census/EEO Special File—This file provides sample census data with specified relevance to EEO and affirmative action uses. The file contains two tabulations, one with detailed occupational data and the other with years of school completed by age. The data in both tabulations are crossed by sex, race, and Spanish origin. These data are provided for all counties, for all SMSA's, and for places with a population of 50,000 or more.

MAPS

Maps necessary to define areas are generally published and included as part of the corresponding reports. Maps are published for Block Statistics (PHC80-1) and Census Tracts (PHC80-2), but must be purchased separately from the report. Maps necessary to define enumeration districts are available on a cost-of-reproduction basis.

MICROFICHE

Some of the computer tape products are available on microfiche. The STF microfiche are issued for each State or Area and for the United States. These include:

STF 1 Microfiche—Data from STF 1 are presented in tabular form for all the STF 1 geographic levels described previously, except blocks.

STF 3 Microfiche—Data from STF 3 are presented in tabular form for all the STF 3 geographic levels.

P.L. 94-171 Counts Microfiche—The data from the P.L. 94-171 computer file are presented in a listing format.

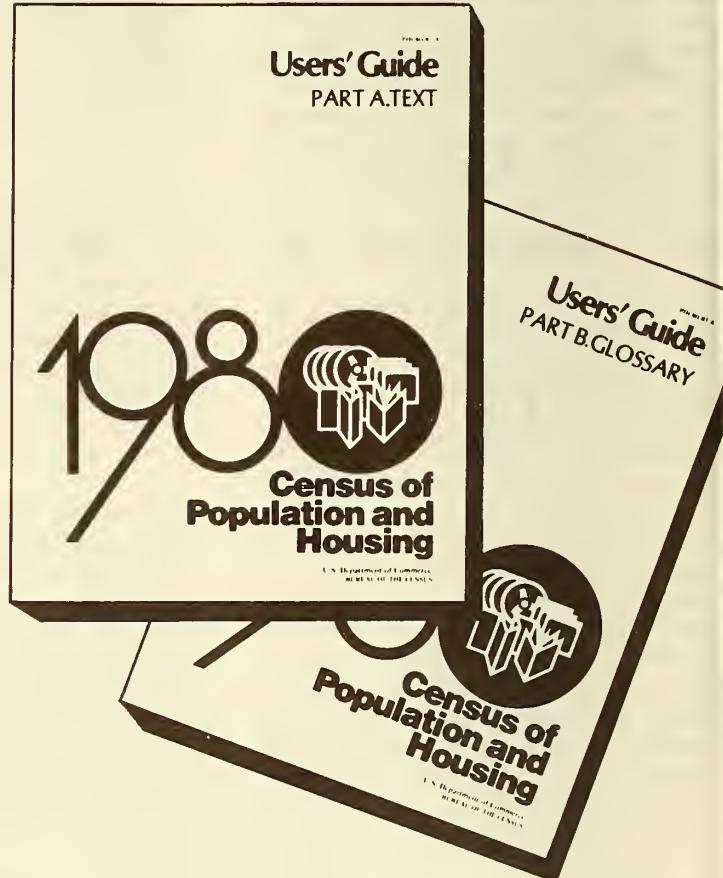
1980 Census of Population and Housing

Users' Guide

The Users' Guide, a reference work on the 1980 census, is now available. It consists of:

- Part A. Text—Covers census data subjects; geographic considerations; reports, tapes, maps, and other products; services available to users; and many other topics central to understanding and using 1980 census data.
- Part B. Glossary—Provides detailed definitions of population, housing, geographic, and technical terms associated with the census—especially important for people using 1980 data on tape or microfiche.
- Sources of Assistance—Furnishes addresses and phone numbers of public and private sector organizations offering a variety of products and services, such as tape processing, area profiles, training, and reference assistance.
- Updates—Provide information on new developments relating to the 1980 census. Each update is keyed to the particular point in "Part A. Text" that needs revision.

Part C, a table finder, and Part D, a guide to tape contents, are planned for publication later.



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Part A. Text (S/N 003-024-03625-8)—\$5.50. Supplement 1 (S/N 003-024-05004-8)—\$6.00 (includes Part B. Glossary, Sources of Assistance, and Updates)

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